



RESULTS OF ADDITIONAL SITE ASSESSMENT

5250 Conner Street
Detroit, Michigan 48213

Project No. 23-3626

August 11, 2025

PREPARED FOR:

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Results of Additional Site Assessment

Phase 1A and Phase 1B of the

Proposed Parkside Village 1 Development

5250 Conner Street, Detroit, Michigan 48213

Triterra Project No. 23-3626-01; August 11, 2025



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1.0 INTRODUCTION

Triterra prepared this report to present the results of the additional soil and soil gas assessment completed at the approximately 5.28 acres of vacant land located at 5250 Connor Street (Figure 1) in Detroit, Wayne County, Michigan (hereinafter referred to as the subject property).

1.1 Site Description and Background

The subject property is comprised of the approximate 5.28-acre southern portion of Parcel No. 210462202-11 which is referred to as Phase 1A and Phase 1B of the proposed Parkside Village 1 development. The subject property is currently vacant land. Three residential apartment buildings are proposed for construction on the subject property.

Triterra previously completed a Phase I Environmental Site Assessment (ESA) of the Property on May 2, 2024. Based on Triterra's review of historical information, the subject property was undeveloped from at least 1937 until 1940. In 1940, Parkside Apartments were constructed on the subject property and the subject property operated as an apartment complex until at least 1999. The apartment buildings were razed between 1999 and 2005, and the property has been vacant since that time.

2.0 PREVIOUS ENVIRONMENTAL SITE ASSESSMENTS

On June 2 and 3, 2014, seven surficial soil and thirteen soil boring samples were collected across the 5250 Conner Street parent parcel by the Michigan Department of Environmental Quality (MDEQ, currently referred to as EGLE) for chemical analysis of one or more of the following parameters: volatile organic compounds (VOCs), semi-VOCs, pesticides, polychlorinated biphenyls (PCBs), and various metals. Samples located within the subject property were denoted C-SB-06, C-SB-07, and C-SB-08. Laboratory analytical results for the three samples that pertain to the subject property reported various metals (arsenic, cobalt, iron, manganese, and molybdenum) in soil above the EGLE Part 201 Residential and Nonresidential Drinking Water Protection (DWP) and/or Groundwater Surface Water Interface Protection (GSIP) Generic Cleanup Criteria (GCC). This documented contamination was identified as a recognized environmental condition (REC) by Triterra in the above-referenced May 2, 2024 Phase I ESA.

On March 8, 2024, Triterra completed a subsurface investigation on the subject property to assess for the presence of contamination beneath the footprints of the proposed buildings. Triterra, in conjunction with ERG Environmental Services (ERG), advanced a total of fifteen soil borings (SB-1 through SB-15) utilizing hydraulic-driven direct-push methods (i.e., Geoprobe®) to a maximum boring depth of 20.0 feet below ground surface (bgs). Triterra collected continuous soil samples from each boring for visual classification and field screening for evidence of contamination using visual and olfactory methods and a calibrated photoionization detector unit (PID). Visual classification was performed in general accordance with the Unified Soil Classification System (USCS).

Triterra did not observe any significant staining during the subsurface investigation and did not encounter any apparent petroleum-like or other unnatural odors. The PID screening results of all soil samples were below the detection limit of the instrument (one part per million). The soil boring locations are depicted on Figure 3. Triterra collected and submitted 15 soil samples to Merit Laboratories, Inc. (Merit) for chemical analysis of

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VOCs, polynuclear aromatic hydrocarbons (PAHs), and the 10 Michigan Metals (i.e., arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc). The laboratory analysis of the soil samples collected by Triterra in March 2024 revealed concentrations of multiple target analytes exceeding the Part 201 Residential DWP, GSIP, and Direct Contact (DC) GCC and/or Residential Site-Specific Volatilization to Indoor Air Criteria (SSVIAC) in the soil samples collected from SB-1, SB-4 through SB-10, SB-13, and SB-15. Triterra's soil boring locations and analytical exceedances are depicted in Figure 3.

The above referenced activities were previously discussed in the final August 16, 2024 Response Activity Plan – Evaluation Plan completed by Triterra, which was provided under separate cover and is available on file with EGLE. The Response Activity Plan – Evaluation Plan was approved by EGLE on August 16, 2024. The EGLE Notice of Approval letter was also provided under separate cover and is available on file with EGLE.

3.0 ADDITIONAL SOIL AND SOIL GAS ASSESSMENT ACTIVITIES COMPLETED

Triterra completed additional site assessment activities at the subject property, in accordance with the Response Activity Plan – Evaluation Plan, to assess for soil contamination related to the electrical equipment pad located on the western portion of the subject property and to assess for vapor-phase contamination related to urban fill likely present across the subject property. The soil and soil gas sampling locations are depicted on Figures 3 and 4.

3.1 April 2025 Soil Boring and Soil Sampling Activities Completed

There is pad-mounted electrical equipment, potentially PCB-containing, present on the western portion of the property. The age and condition of the equipment is unknown, and there is a potential for dielectric fluid to have been released and impacted the subsurface.

On April 7, 2025, in order to determine if contamination is present stemming from the electrical equipment, Triterra completed eight soil borings, SB-16 through SB-23, which were advanced using a Geoprobe® drill rig to depths of 5.0 feet bgs. Consistent with the previous sampling completed in March 2024, Triterra collected continuous soil samples from each boring for visual classification and field screening for evidence of contamination using visual and olfactory methods and a calibrated PID.

Triterra did not observe any significant staining during the April 2025 subsurface investigation and did not encounter any apparent petroleum or other unnatural odors. The PID screening results of soil samples were below the detection limit of the instrument. The soil boring locations are depicted on Figure 3. The April 2025 soil borings logs are included in Appendix A.

3.2 April and July 2025 Soil Gas Well Installation and Sampling Activities Completed

On April 7 and 8, Triterra installed 22 soil gas wells (SG-1 through SG-22) at depths of approximately 5.0 feet bgs using a Geoprobe® drill rig to assess for vapor phase contamination on the subject property related to urban fill/dispersed vapor source. Triterra collected continuous soil samples from each boring to 6.0 feet bgs for visual classification and field screening for evidence of contamination using visual and olfactory methods and a calibrated PID.

Results of Additional Site Assessment

Phase 1A and Phase 1B of the

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Triterra did not observe any significant staining during the April 2025 soil gas well installations and did not encounter any apparent petroleum or other unnatural odors. The PID screening results of soil samples were below the detection limit of the instrument. The soil gas well locations are depicted on Figure 4. The April 2025 soil gas well logs are included in Appendix A.

Due to precipitation/wet conditions, sampling of the soil gas wells was not completed until July 1 and 2, 2025. The 22 soil gas samples were collected in general accordance with EGLE's Guidance Document for the Vapor Intrusion Pathway and associated standard operating procedures (SOPs) that include:

- Purging three volumes from the sampling system at a rate less than 200 milliliters per minute.
- Use of an isolation chamber and helium tracer gas to verify system is sealed.
- Use of methane/multi-gas meter to measure percent methane (CH₄), carbon dioxide (CO₂), and oxygen (O₂).
- Use of laboratory provided bottle vacs and sorbent tubes for sample collection; and
- Submit soil gas samples to Merit laboratory for chemical analysis of VOCs using method TO-15 and PAHs using method TO-17.

The July 2025 soil gas sampling field forms are included in Appendix B.

3.3 Laboratory Analyses

Triterra collected and submitted eight soil samples to Merit Laboratories, Inc. (Merit) in April 2025 for chemical analysis of VOCs, PAHs, PCBs, and the 10 Michigan Metals. The 22 soil gas samples collected from the subject property were analyzed for VOCs and PAHs.

4.0 GEOLOGY AND HYDROGEOLOGY

The soil conditions encountered by Triterra in April 2025 generally consists of alternating layers of sand and clay or primarily clay to approximately 5.0 to 6.0 six feet bgs, the maximum depth explored. No apparent urban fill material or unnatural soil was observed during the completion of SB-16 through SB-23 in April 2025, although urban fill (brick, ceramic, asphalt, etc.) was identified in the SG-6, SG-10, SG-13, SG-14, SG-19, and SG-20 soil gas well borings. Groundwater was not encountered in SB-16 through SB-23; intermittent groundwater not sufficient for sample collection was observed in several of the soil gas well borings. Refer to Appendix A for copies of Triterra's April 2025 soil boring and soil gas well logs.

5.0 LABORATORY ANALYTICAL RESULTS

The laboratory analytical results from the soil and soil gas samples collected at the subject property in April and July 2025 were compared to the Part 201 GCC and/or the May 31, 2024 EGLE SSVIAC for slab-on-grade buildings to determine if contamination is present and to evaluate potential additional due care obligations and response activities related to future development and use of the subject property. Concentrations of select metals were also compared with the EGLE 2005 and 2015 Statewide Default Background Levels (SDBLs) and the Regional Background Levels (RBLs) for soils in the Huron-Erie Glacial Lobe, and Triterra defaulted to

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whichever Level was greater for select soil samples (denoted on Table 1) collected from borings without apparent fill material or unnatural soils observed.

5.1 April 2025 Soil Analytical Results

Concentrations of several PAHs including benzo(a)pyrene, fluoranthene, naphthalene, and/or phenanthrene were identified in the SB-18, SB-20, and SB-22 soil samples at concentrations exceeding the Part 201 Residential DC GCC, the GSIP GCC, and/or the EGLE SSVIAC.

No concentrations of VOCs, mercury, selenium, silver, or PCBs were identified in any of the soil samples exceeding the laboratory RLs. No other target analytes (i.e., other PAHs and metals) were identified in the soil samples collected by Triterra in April 2025 exceeding the applicable Part 201 GCC, RBL, or SSVIAC. As denoted on Table 1, concentrations of arsenic were identified exceeding Part 201 GCC, but below the RBLs which were substituted for GCC.

The analytical results from the soil samples are summarized in Figure 3 and Table 1. A copy of the laboratory analytical report is attached as Appendix C.

5.2 July 2025 Soil Gas Analytical Results

No concentrations of VOCs or PAHs were identified in any of the soil gas samples collected by Triterra in July 2025 exceeding the most restrictive EGLE Residential SSVIAC.

The VOC acetone was identified in the SG-2, SG-10, SG-11, and SG-13 soil gas samples collected by Triterra at concentrations exceeding the laboratory RLs but not exceeding the EGLE Residential SSVIAC. Additionally, toluene was identified in the SG-20 soil gas sample collected by Triterra at a concentration exceeding the laboratory RLs but not exceeding the EGLE Residential SSVIAC.

It should be noted that acetone and toluene are considered by EGLE to be hazardous substances that may be an acute vapor hazard as outlined in Table 2 of EGLE's October 2023 VIAP - Evaluation of a Dispersed Vapor Source in Urban Fill Under Part 201 guidance document. However, toluene is aerobically degraded in the vadose zone and Triterra measured 14.8% oxygen in SG-20 (Appendix B); therefore, one sampling event is sufficient for the evaluation of the VIAP in relation to toluene.

The analytical results from the July 2025 soil gas samples are summarized in Figure 4 and Table 2. The July 2025 soil gas sampling field forms are included in Appendix B. A copy of the laboratory analytical report is attached in Appendix C.

6.0 CONCLUSIONS AND RECOMMENDATIONS

Concentrations of several petroleum PAHs were identified in the SB-18, SB-20, and SB-22 soil samples at concentrations exceeding the applicable Part 201 Residential DC GCC, the GSIP GCC, and/or the EGLE SSVIAC. No other target analytes (i.e., VOCs, PAHs, PCBs, or 10 Michigan Metals) were identified in the soil samples collected by Triterra exceeding the Part 201 GCC or SSVIAC.



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No concentrations of VOCs or PAHs were identified in any of the soil gas samples collected by Triterra in July 2025 exceeding the most restrictive EGLE Residential VIAP screening levels. Acetone, a VOC considered by EGLE to be hazardous substances that may be an acute vapor hazard, was identified in the SG-2, SG-10, SG-11, and SG-13 soil gas samples collected by Triterra at concentrations exceeding the laboratory RLs but not exceeding the EGLE Residential SSVIAC.

As discussed above, toluene was identified in the SG-20 soil gas sample at a concentration exceeding the laboratory RLs but not exceeding the EGLE Residential SSVIAC. Since toluene is aerobically degraded in the vadose zone and Triterra measured 14.8% oxygen in SG-20, only one sampling event is sufficient for the evaluation of the VIAP in relation to toluene per EGLE's October 2023 VIAP - Evaluation of a Dispersed Vapor Source in Urban Fill Under Part 201 guidance document.

For the proposed residential use of the subject property, volatilization to indoor air is a complete pathway to future building occupants. Based on the urban fill material encountered and the compound identified in soil gas (i.e., acetone) that represent a potential for an acute vapor hazard, Triterra recommends an additional soil gas sampling event at SG-2, SG-10, SG-11, and SG-13 in accordance with EGLE's October 2023 VIAP - Evaluation of a Dispersed Vapor Source in Urban Fill Under Part 201 guidance. The additional soil gas sampling event should ideally be conducted three months from the initial sampling event. If all sample results are below the applicable VIAP screening levels, it can be concluded that the contamination present within urban fill is dispersed and does not pose an unacceptable risk through the VIAP and no further sampling or evaluation of the VIAP will be necessary.

7.0 SIGNATURES

This report was authored by Mr. Jade Gillette on behalf of Triterra.

A handwritten signature in blue ink that reads "Jade Gillette".

Mr. Jade Gillette, EP
Associate Scientist
Director of Technical Services

Results of Additional Site Assessment

Phase 1A and Phase 1B of the

Proposed Parkside Village 1 Development

5250 Conner Street, Detroit, Michigan 48213

Triterra Project No. 23-3626-01; August 11, 2025



8.0 REFERENCES

The following documents can be referred to for additional information pertaining to the subject property.

Brownfield Redevelopment Assessment Report for 5250 Conner Detroit; MDEQ - Remediation and Redevelopment Division, September 17, 2014.

Incremental Sampling Methodology and Applications; EGLE (Formerly MDEQ), January 2018.

Volatilization to Indoor Air Pathway (VIAP) Evaluation of a Dispersed Vapor Source in Urban Fill Under Part 201; EGLE, October 2023.

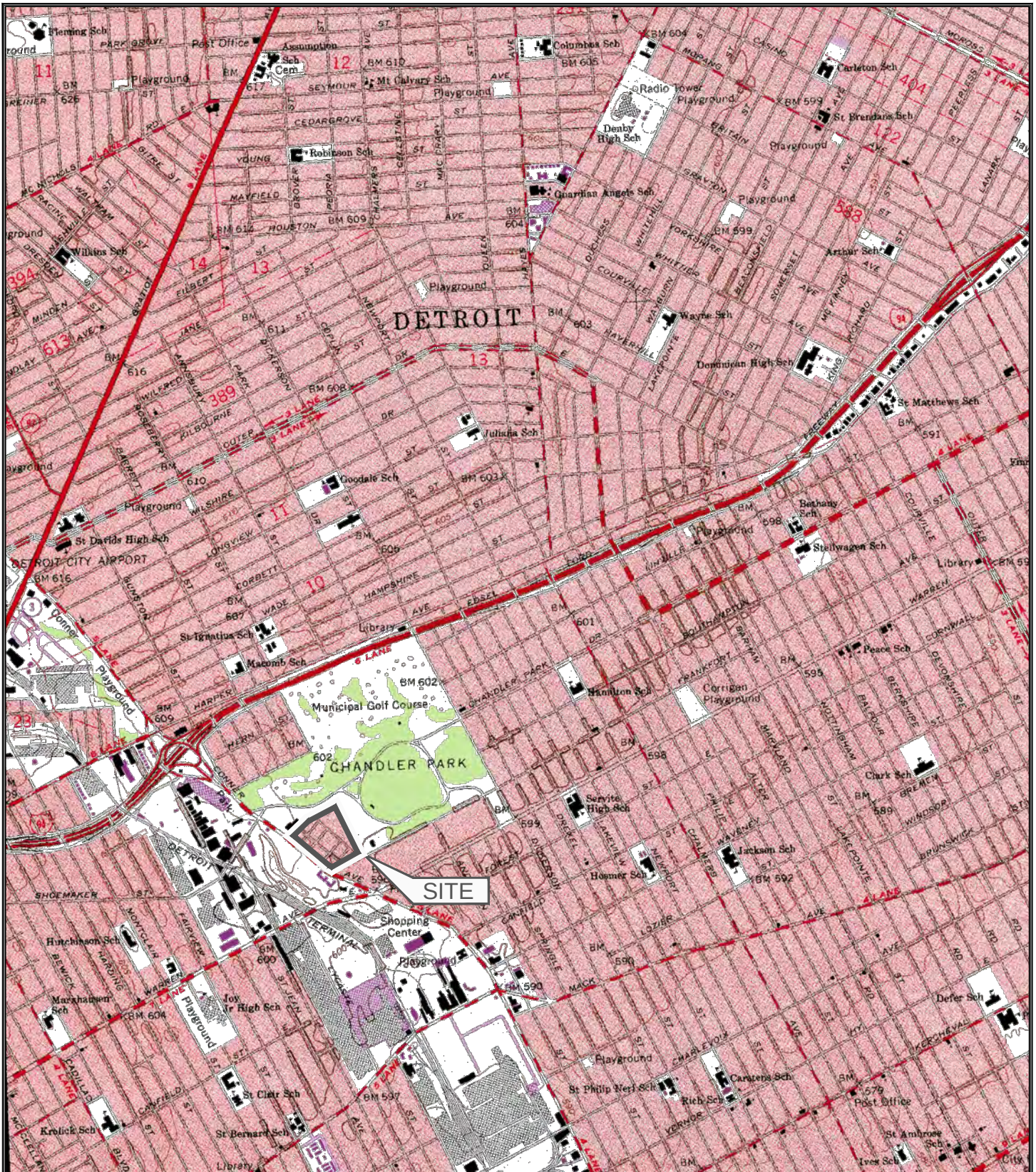
Site-Specific Volatilization to Indoor Air Criteria (SSVIAC), EGLE, May 31, 2024.

Phase I ESA, Triterra, May 2, 2024.

Response Activity Plan – Evaluation Plan, Triterra, August 16, 2024.

Notice of Approval of the Response Activity Plan, EGLE, August 16, 2024.

FIGURES



GRAPHIC SCALE
1" = 2,000'

TRITERRA

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Diagram is for illustrative purposes only. Exact locations of items shown on figure may vary slightly.

DATE: 3/23/2024

DATE: 3/23/2024

DRAWN BY: JWJ

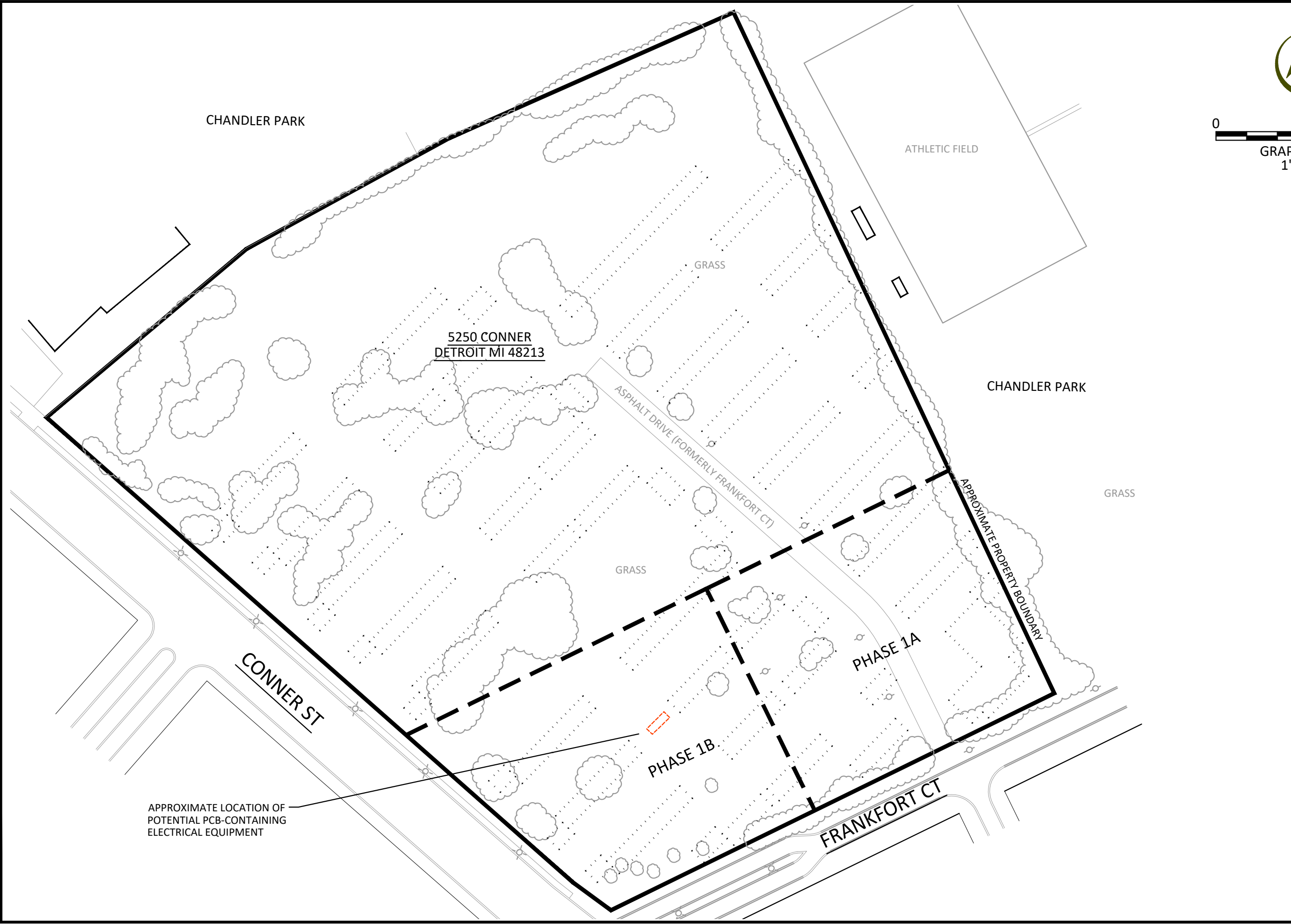
REVISED BY: JWJ

PROPERTY LOCATION MAP

5250 CONNER
DETROIT, MICHIGAN 48213

PROJECT NUMBER: 23-3626

FIGURE 1



0 120 240
GRAPHIC SCALE
1" = 120'

TRIOTERRA

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DATE: 3/23/2024

DRAWN BY: JWL

DATE: 8/3/2024

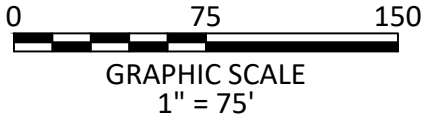
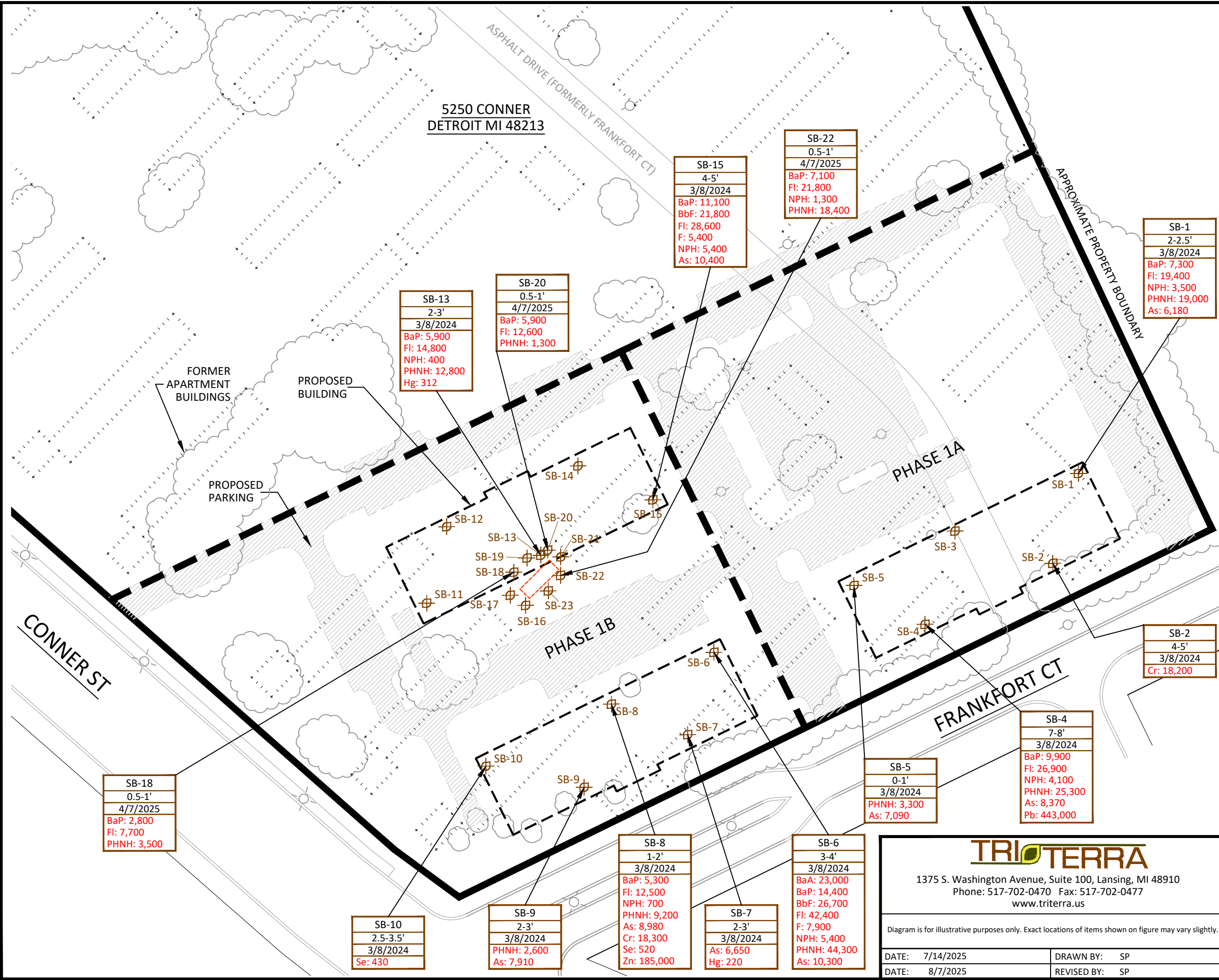
REVISED BY: JWL

PROPERTY ORIENTATION DIAGRAM

5250 CONNER
DETROIT, MICHIGAN 48213

PROJECT NUMBER: 23-3626

FIGURE 2



SYMBOLS LEGEND

- SOIL BORING LOCATION
- APPROXIMATE LOCATION OF ELECTRICAL EQUIPMENT

CONSTITUENTS LEGEND

- SEMIVOLATILES (PAHs)**
BaA: Benzo(a)anthracene
BaP: Benzo(a)pyrene
BbF: Benzo(b)flouranthene
Fl: Flouranthene
F: Flourine
PHNH: Phenanthrene
NPH: Naphthalene

- INORGANICS, METALS**
As: Arsenic
Cr: Chromium
Hg: Mercury, Total
Pb: Lead, Total
Se: Selenium
Zn: Zinc

NOTES

- Soil concentrations are in μg per kg (ppb).
- All exceedances are highlighted in red.
- Figure includes analytical exceedances only. If no data is presented for a sample location then there were no exceedances above applicable criteria.
- See analytical data and tables for additional detail.



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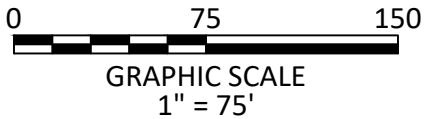
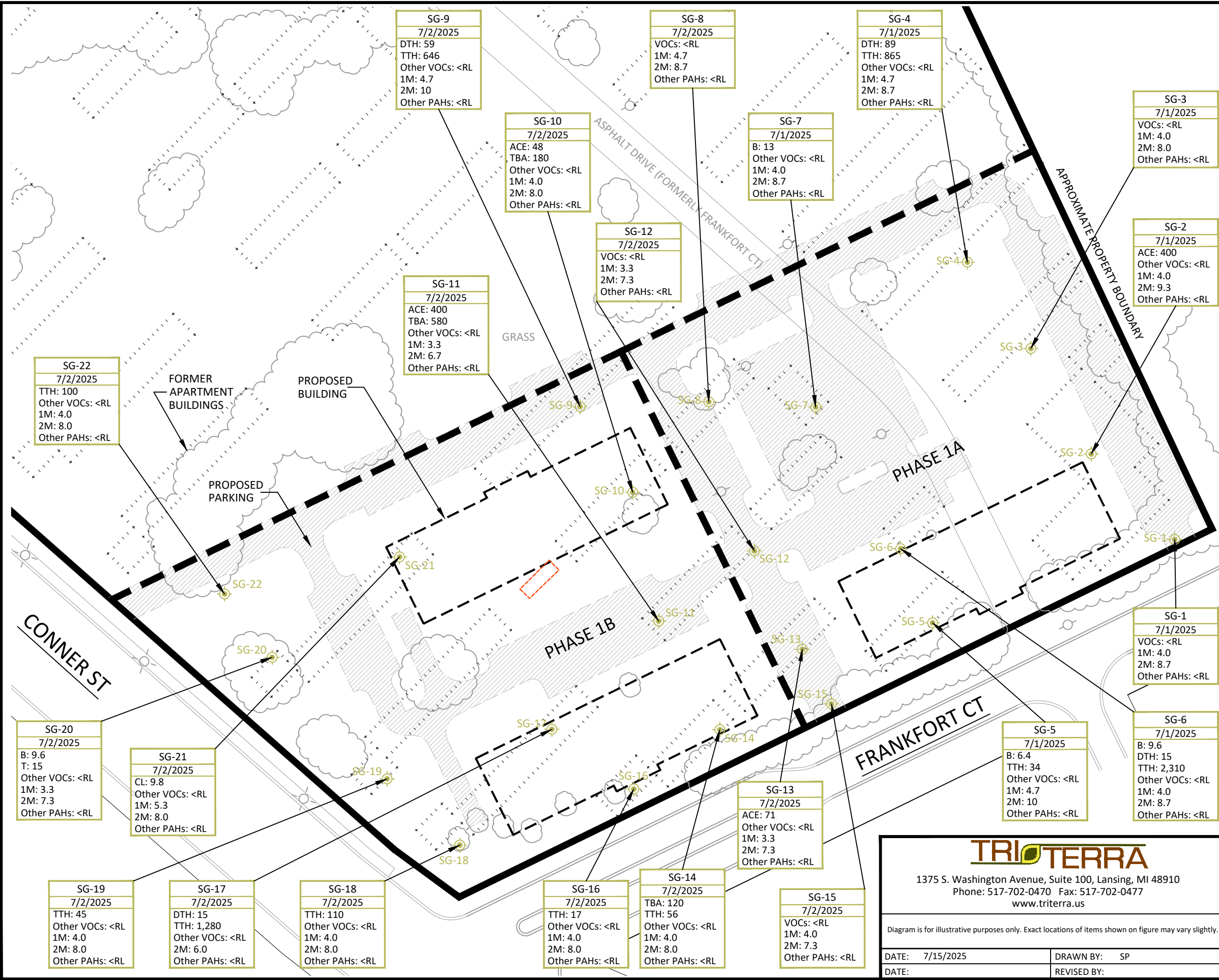
Diagram is for illustrative purposes only. Exact locations of items shown on figure may vary slightly.

DATE: 7/14/2025	DRAWN BY: SP
DATE: 8/7/2025	REVISED BY: SP

SOIL SAMPLING LOCATIONS WITH ANALYTICAL EXCEEDANCES

VILLAGES PHASE IA AND IB
5250 CONNER
DETROIT, MICHIGAN 48213

PROJECT NUMBER: 23-3626-01	FIGURE 3
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SYMBOLS LEGEND

- SOIL VAPOR SAMPLE
- APPROXIMATE LOCATION OF ELECTRICAL EQUIPMENT

CONSTITUENTS LEGEND

VOLATILE ORGANIC COMPOUNDS (VOCs)

- ACE: Acetone
- B: Benzene
- CL: Chloroform
- DTH: Dichlorodifluoromethane
- TBA: Tert-butyl Alcohol
- T: Toluene
- TTH: Trichlorofluoromethane

SEMIVOLATILES (PAHs) or

- 1M: 1-Methylnaphthalene
- 2M: 2-Methylnaphthalene

<RL: Result was below laboratory reporting limits.

NOTES

1. Soil Vapor concentrations are in μg per m^3 .
2. All exceedances are highlighted in red.
3. See analytical data and tables for additional detail.



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DATE: 7/15/2025	DRAWN BY: SP
DATE:	REVISED BY:

SOIL VAPOR SAMPLING LOCATIONS WITH ANALYTICAL RESULTS

VILLAGES PHASE 1A AND 1B
5250 CONNER
DETROIT, MICHIGAN 48213

PROJECT NUMBER: 23-3626-01 FIGURE 4

TABLES



TABLE 1

SUMMARY OF 2025 SOIL ANALYTICAL RESULTS - ELECTRICAL PANEL AREA

5250 Conner Street

Detroit, Michigan 48213

Triterra Project No. 23-3626-01

Analyzed Constituents <i>(Refer to laboratory report for method reference data)</i>	Chemical Abstract Service Number	Statewide Default Background Levels	2015 Michigan Soil Survey Regional Background Levels (RBLs) for the Huron - Erie Glacial Lobe			EGLE Part 201 Residential Generic Cleanup Criteria (GCC) and Site-Specific Volatilization to Indoor Air Criteria (SSVIAC)						Sample ID, Depth, and Collection Date							
			Topsoil	Sand	Clay	Drinking Water Protection Criteria (DWP)	Groundwater Surface Water Interface Protection Criteria (GSIP)	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Particulate Soil Inhalation Criteria (PSI)	Direct Contact Criteria (DC)	Unrestricted SSVIAC (Slab-on-Grade)	S73243.01	S73243.02	S73243.03	S73243.04	S73243.05	S73243.06	S73243.07	S73243.08
												SB-16	SB-17	SB-18	SB-19	SB-20	SB-21	SB-22	SB-23
												0.5-1.0'	0.5-1.0'	0.5-1.0'	0.5-1.0'	0.5-1.0'	0.5-1.0'	0.5-1.0'	0.5-1.0'
Volatiles, VOCs ug/Kg																			
All VOCs	Varies	NA	NA	NA	NA	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C
Semivolatiles, PAHs ug/Kg																			
Acenaphthene	83329	NA	NA	NA	NA	300,000	8,700	81,000,000	14,000,000,000	41,000,000	200,000	<300	<300	300	<300	<300	<300	2,900	<300
Anthracene	120127	NA	NA	NA	NA	41,000	ID	1,400,000,000	67,000,000,000	230,000,000	13,000,000	<300	<300	1,000	<300	700	<300	5,000	<300
Benzo(a)anthracene	56553	NA	NA	NA	NA	NLL	NLL	NLV	ID	20,000	160,000	500	500	3,100	<300	5,900	400	8,300	<300
Benzo(a)pyrene	50328	NA	NA	NA	NA	NLL	NLL	NLV	1,500,000	2,000	NA	400	500	2,800	<300	5,900	300	7,100	<300
Benzo(b)fluoranthene	205992	NA	NA	NA	NA	NLL	NLL	ID	ID	20,000	NA	1,100	1,400	5,100	<300	12,600	1,000	15,100	500
Benzo(k)fluoranthene	207089	NA	NA	NA	NA	NLL	NLL	NLV	ID	200,000	NA	800	1,100	5,200	<300	12,100	700	14,600	400
Benzo(ghi)perylene	191242	NA	NA	NA	NA	NLL	NLL	NLV	800,000,000	2,500,000	NA	<300	<300	1,800	<300	1,600	<300	2,100	<300
Chrysene	218019	NA	NA	NA	NA	NLL	NLL	ID	ID	2,000,000	NA	500	600	3,300	<300	6,000	500	8,300	<300
Dibenzo(ah)anthracene	53703	NA	NA	NA	NA	NLL	NLL	NLV	ID	2,000	NA	<300	<300	700	<300	700	<300	1,000	<300
Fluoranthene	206440	NA	NA	NA	NA	730,000	5,500	740,000,000	9,300,000,000	46,000,000	NA	1,100	1,200	7,700	<300	12,600	1,000	21,800	600
Fluorene	86737	NA	NA	NA	NA	390,000	5,300	130,000,000	9,300,000,000	27,000,000	470,000	<300	<300	300	<300	<300	<300	2,400	<300
Indeno(1,2,3-cd)pyrene	193395	NA	NA	NA	NA	NLL	NLL	NLV	ID	20,000	NA	<300	<300	1,700	<300	1,800	<300	2,300	<300
Naphthalene	91203	NA	NA	NA	NA	35,000	730	300,000	200,000,000	16,000,000	67 (M)	<300	<300	<300	<300	<300	<300	1,300	<300
Phenanthrene	85018	NA	NA	NA	NA	56,000	2,100	160,000	6,700,000	1,600,000	1,700	700	600	3,500	<300	1,300	600	18,400	300
Pyrene	129000	NA	NA	NA	NA	480,000	ID	650,000,000	6,700,000,000	29,000,000	25,000,000	800	900	4,600	<300	11,400	700	16,300	400
2-Methylnaphthalene	91576	NA	NA	NA	NA	57,000	4,200	1,500,000	670,000,000	8,100,000	1,700	<300	<300	<300	<300	<300	<300	500	<300
1-Methylnaphthalene	90120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<300	<300	<300	<300	<300	<300	500	<300
Various other PAHs	Varies	NA	NA	NA	NA	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C	Vw/C
Inorganics, Metals ug/Kg																			
Arsenic*	7440382	5,800	14,900	26,300	31,400	4,600	4,600	NLV	720,000	7,600	NA	5,560	6,690	5,430	5,080	6,040	4,280	7,410	6,730
Barium**	7440393	75,000	261,000	199,000	227,000	1,300,000	440,000	NLV	330,000,000	37,000,000	NA	54,900	36,500	24,800	23,400	48,300	46,200	61,500	58,100
Cadmium**	7440439	1,200	2,000	2,000	3,100	6,000	3,600	NLV	1,700,000	550,000	NA	320	580	<200	<200	330	240	210	210
Chromium**	7440473	18,000	37,000	30,400	77,000	30,000	3,300	NLV	260,000	2,500,000	NA	9,960	7,230	4,710	6,380	9,130	9,350	11,800	11,800
Copper**	7440508	32,000	52,500	23,500	46,900	5,800,000	75,000	NLV	130,000,000	20,000,000	NA	13,900	16,500	9,070	7,680	14,600	11,700	16,000	17,000
Lead**	7439921	21,000	43,900	24,100	26,200	700,000	2,500,000	NLV	100,000,000	400,000	NA	30,800	49,000	17,600	12,000	36,500	18,700	14,200	18,600
Mercury (B)	7439976	130	160	120	580	1,700	50 (M)	52,000	20,000,000	160,000	22 (M)	<50	<50	<50	<50	<50	<50	<50	<50
Selenium (B)	7782492	410	4,700	3,900	1,200	4,000	400	NLV	130,000,000	2,600,000	NA	<400	<400	<400	<400	<400	<400	<400	<400
Silver (B)	7440224	1,000	1,600	1,200	6,000	4,500	100 (M)	NLV	6,700,000	2,500,000	NA	<200	<200	<200	<200	<200	<200	<200	<200
Zinc**	7440666	47,000	122,000	85,800	102,000	2,400,000	170,000	NLV	ID	170,000,000	NA	72,000	283,000	42,700	34,100	59,100	44,100	45,000	41,900
PCBs, ug/Kg																			
PCBs	1336363	NA	NA	NA	NA	NLL	NLL	240,000	5,200,000	4,000	NA	<330	<330	<330	<330	<330	<330	<330	<330

NOTES:

1. Analytical results compared to EGLE cleanup criteria presented in Administrative Rules for Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451, effective 10/12/2023.

2. Concentrations reported in ppb (parts per billion or ug/kg).

3. Detected results shown in **BOLD**. Part 201 Residential GCC and/or EGLE site-specific criteria exceedances are highlighted in yellow.

** = The Regional Background Level (RBL) for arsenic was substituted for the DWP and GSIP GCC for natural soils. Relevant samples are highlighted in orange.

4. * = GSI Protection was calculated for the indicated metals using the EGLE spreadsheet for calculating GSI and a default water hardness value of 150 mg/kg CaCO3. Results are presented for surface water receiving bodies that are protected as a drinking water source.

5. <RL = Result was less than the laboratory reporting limits, - = Constituent was not analyzed, NA = Not applicable, NLL = Not likely to leach under most soil conditions, NLV = Not likely to volatilize under most conditions, ID = Insufficient data to develop criterion, Vw/C = Varies with constituent.

6. SSVIAC = Site-Specific Volatilization to Indoor Air Criteria, May 31, 2024



TABLE 2
SUMMARY OF 2025 SOIL GAS ANALYTICAL RESULTS
5250 Conner Street
Detroit, Michigan 48213
Triterra Project No. 23-3626

Analyzed Constituents	Chemical Abstract Service Number	Unrestricted SSVIAC (Slab-on-Grade)	Sample ID, Depth, and Collection Date																					
			S76334.01	S76334.02	S76334.03	S76334.04	S76334.05	S76334.06	S76334.07	S76334.08	S76334.09	S76334.10	S76334.11	S76334.12	S76334.13	S76334.14	S76334.15	S76334.16	S76334.17	S76334.18	S76334.19	S76334.20	S76334.21	S76334.22
			SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SG-9	SG-10	SG-11	SG-12	SG-13	SG-14	SG-15	SG-16	SG-17	SG-18	SG-19	SG-20	SG-21	SG-22
			5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	3.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'	5.0'
Refer to detailed laboratory report for method reference data			07/01/2025	07/01/2025	07/01/2025	07/01/2025	07/01/2025	07/01/2025	07/01/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025	07/02/2025
Volatiles, VOCs µg/m³																								
Acetone*	67641	1,000,000	<48	400*	<48	<48	<48	<48	<48	<48	<48	48*	400*	<48	71*	<48	<48	<48	<48	<48	<48	<48	<48	<48
Benzene	71432	110	<6.4	<6.4	<6.4	<6.4	6.4	9.6	13	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	9.6	<6.4	<6.4
Chloroform	67663	37	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	<9.8	9.8	<9.8
Dichlorodifluoromethane	75718	11,000	<9.9	<9.9	<9.9	89	<9.9	15	<9.9	<9.9	59	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9	15	<9.9	<9.9	<9.9	<9.9	<9.9	<9.9
Tert-butyl Alcohol	75650	2,500	<61	<61	<61	<61	<61	<61	<61	<61	180	580	<61	<61	120	<61	<61	<61	<61	<61	<61	<61	<61	<61
Toluene*	108883	170,000	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	15*	<7.5	<7.5
Trichlorofluoromethane	75694	15,000	<11	<11	<11	865	34	2,310	<11	<11	646	<11	<11	<11	<11	56	<11	17	1,280	110	45	<11	<11	100
Various other VOCs	Varies	Vw/C	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL
Semivolatiles, PAHs µg/m³																								
1-Methylnaphthalene	90120	NA	4.0	4.0	4.0	4.7	4.7	4.0	4.0	4.7	4.7	4.0	3.3	3.3	3.3	4.0	4.0	4.0	<3.3	4.0	4.0	3.3	5.3	4.0
2-Methylnaphthalene	91576	350	8.7	9.3	8.0	8.7	10	8.7	8.7	8.7	10	8.0	6.7	7.3	7.3	8.0	7.3	8.0	6.0	8.0	8.0	7.3	8.0	8.0
Various other PAHs	Varies	Vw/C	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL	<RL

NOTES:

1. Results reported in microgram per cubic meter ($\mu\text{g}/\text{m}^3$).

2. Detected results shown in **BOLD**. Exceedances are highlighted in yellow.

3. Vw/C = Varies with constituent, NA = Not Available, <RL = Result was less than the laboratory reporting limits

4. SSVIAC = Site-Specific Volatilization to Indoor Air Criteria, May 31, 2024

5. *Asterisk indicates that compound may represent an acute vapor hazard as outlined in Table 2 of EGLE's October 2023 VIAP -Evaluation of a Dispersed Vapor Source in Urban Fill Under Part 201 guidance.

APPENDIX A:
2025 SOIL BORING LOGS

PROJECT NUMBER: 23-3626 FIELD REP: Casey H. / Garek H. CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC ADDRESS: 5250 Conner Street, Detroit, MI 4821		DRILLING DATE: 4/7/2025 CONTRACTOR: NAPS DRILLING METHOD: Direct Push BORING SIZE: 2" TOTAL DEPTH: 5'		WATER LEVEL: NA SCREEN INTERVAL: NA SOIL GAS WELL DEPTH: NA SOIL GAS SCREEN INTERVAL: NA	
COMMENTS Assessing southeastern corner region of transformer pad.				LOGGED BY CH CHECKED BY JG	

Depth (FT)	Samples	Graphic Log	Material Description	PID
0.5	SB-16 0.5-1.0' @ 1028		CLAY; Silty clay, fine grained, brown, damp.	
1			CLAY; dense clay, brown, damp.	<1
1.5				
2				
2.5			SAND; Sands with some silt, fine-medium grained, brown, damp.	
3			CLAY; Clay, dense, brown, dry.	<1
3.5				
4				<1
4.5				
5			Termination Depth at: 5ft	
5.5				
6				
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626 FIELD REP: Casey H. / Garek H. CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC ADDRESS: 5250 Conner Street, Detroit, MI 4821		DRILLING DATE: 4/7/2025 CONTRACTOR: NAPS DRILLING METHOD: Direct Push BORING SIZE: 2" TOTAL DEPTH: 3'		WATER LEVEL: NA SCREEN INTERVAL: NA SOIL GAS WELL DEPTH: NA SOIL GAS SCREEN INTERVAL: NA	
COMMENTS Assessing south end of the transformer pad. Encountered a refusal of concrete at 3'.				LOGGED BY CH CHECKED BY JG	

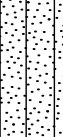
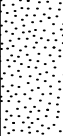
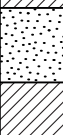
Depth (FT)	Samples	Graphic Log	Material Description	PID
0.5	SB-17 0.5-1.0' @ 1041		CLAY; Silty clay, fine grained, brown, damp.	<1
1			SAND; Sand, fine-medium grained, tan, damp.	
1.5			CLAY; Clay with trace sand, dense, tan, damp.	<1
2				
2.5				
3			Termination Depth at: 3ft	
3.5				
4				
4.5				
5				
5.5				
6				
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: NA
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: NA
TOTAL DEPTH: 5'		

COMMENTS Assessing southwestern corner region of the transformer pad.	LOGGED BY CH
	CHECKED BY JG

Depth (FT)	Samples	Graphic Log	Material Description	PID
0.5	SB-18 0.5-1.0' @ 1049		CLAY; Silty clay with trace sands, medium plasticity, dark brown, damp.	
1			SAND; sand, fine grained, tan, damp. Clay seam 1.5-1.75', dense, brown, damp.	<1
1.5			CLAY; clay, dense, tan, damp.	<1
2				<1
2.5				<1
3				<1
3.5				
4				
4.5				
5			Termination Depth at: 5ft	
5.5				
6				
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626 FIELD REP: Casey H. / Garek H. CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC ADDRESS: 5250 Conner Street, Detroit, MI 4821		DRILLING DATE: 4/7/2025 CONTRACTOR: NAPS DRILLING METHOD: Direct Push BORING SIZE: 2" TOTAL DEPTH: 5'		WATER LEVEL: NA SCREEN INTERVAL: NA SOIL GAS WELL DEPTH: NA SOIL GAS SCREEN IINTERVAL: NA	
COMMENTS Assessing west central area of transformer pad.				LOGGED BY CH CHECKED BY JG	

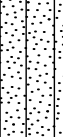
Depth (FT)	Samples	Graphic Log	Material Description	PID
0.5	SB-19 0.5-1.0' @ 1058		SAND; Silty sands, fine grained, brown, damp.	<1
1			CLAY; Clay, mottled tan-grey, dense, damp.	
1.5			SAND; Sands fine-medium grained, brown, damp.	<1
2				
2.5				
3			CLAY; Clay, dense, grey, damp.	<1
3.5				
4			SAND; Sand, fine grained, tan, damp.	<1
4.5			CLAY; Clay, tan, dense, damp.	
5			Termination Depth at: 5ft	
5.5				
6				
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626 FIELD REP: Casey H. / Garek H. CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC ADDRESS: 5250 Conner Street, Detroit, MI 4821		DRILLING DATE: 4/7/2025 CONTRACTOR: NAPS DRILLING METHOD: Direct Push BORING SIZE: 2" TOTAL DEPTH: 5'		WATER LEVEL: NA SCREEN INTERVAL: NA SOIL GAS WELL DEPTH: NA SOIL GAS SCREEN INTERVAL: NA	
COMMENTS Assessing Northwestern corner portion of transformer pad.				LOGGED BY CH CHECKED BY JG	

Depth (FT)	Samples	Graphic Log	Material Description	PID
0.5	SB-20 0.5-1.0' @ 1105		CLAY; Silty clay with trace sands, fine grained, dark brown, damp.	<1
1			SAND; Silty sands, fine to medium grained, brown, damp.	
1.5			CLAY; Silty clay, brown, damp.	<1
2			SAND; Silty sands, fine-medium grained, brown, damp.	
2.5			CLAY; Silty clay, dense, brown, dry.	<1
3				<1
3.5				
4				<1
4.5				
5			Termination Depth at: 5ft	
5.5				
6				
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: NA
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: NA
TOTAL DEPTH: 5'		

COMMENTS Assessing northern end of transformer pad.	LOGGED BY CH
	CHECKED BY JG

Depth (FT)	Samples	Graphic Log	Material Description	PID
0.5	SB-21 0.5-1.0' @ 1114		SAND; Silty sands with trace organic materials, fine grained, dark brown, moist.	
1			CLAY; Sand clay mixtures with trace silts, fine-medium grained, dense, brown, dry.	<1
1.5				
2				<1
2.5				
3				<1
3.5				
4				<1
4.5				
5			Termination Depth at: 5ft	<1
5.5				
6				
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626 FIELD REP: Casey H. / Garek H. CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC ADDRESS: 5250 Conner Street, Detroit, MI 4821		DRILLING DATE: 4/7/2025 CONTRACTOR: NAPS DRILLING METHOD: Direct Push BORING SIZE: 2" TOTAL DEPTH: 5'		WATER LEVEL: NA SCREEN INTERVAL: NA SOIL GAS WELL DEPTH: NA SOIL GAS SCREEN INTERVAL: NA	
COMMENTS Assessing northeastern corner of transformer pad.				LOGGED BY CH CHECKED BY JG	

Depth (FT)	Samples	Graphic Log	Material Description	PID
0.5	SB-22 0.5-1.0' @ 1012		CLAY; Clay with trace silts, and trace sands, tan, damp.	
1				<1
1.5				
2				<1
2.5				
3				<1
3.5				
4				<1
4.5				
5			Termination Depth at: 5ft	
5.5				
6				
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626 FIELD REP: Casey H. / Garek H. CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC ADDRESS: 5250 Conner Street, Detroit, MI 4821		DRILLING DATE: 4/7/2025 CONTRACTOR: NAPS DRILLING METHOD: Direct Push BORING SIZE: 2" TOTAL DEPTH: 5'		WATER LEVEL: NA SCREEN INTERVAL: NA SOIL GAS WELL DEPTH: NA SOIL GAS SCREEN INTERVAL: NA	
COMMENTS Assessing east central region of transformer pad.				LOGGED BY CH CHECKED BY JG	
Depth (FT)	Samples	Graphic Log	Material Description	PID	
0.5	SB-23 0.5-1.0' @ 0949		CLAY; Silty clay with trace sands, fine-meidum grained, brown, damp.	<1	
1					
1.5					
2			SAND; Silty sands, fine - medium grained, brown, damp.	<1	
2.5			CLAY; Clay with some sands, and trace silts, brown, damp.	<1	
3				<1	
3.5					
4				<1	
4.5					
5			Termination Depth at: 5ft		
5.5					
6					
6.5					
7					
7.5					
8					
8.5					
9					
9.5					

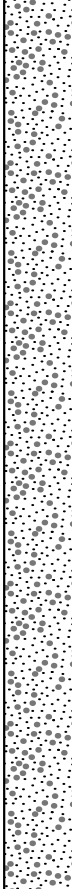
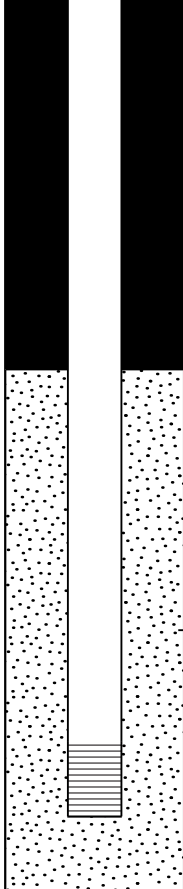
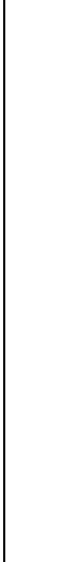
PROJECT NUMBER: 23-3626		DRILLING DATE: 4/7/2025	WATER LEVEL: NA	
FIELD REP: Casey H. / Garek H.		CONTRACTOR: NAPS	SCREEN INTERVAL: NA	
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC		DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'	
		BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'	
ADDRESS: 5250 Conner Street, Detroit, MI 4821		TOTAL DEPTH: 6'		

COMMENTS			LOGGED BY CH	
			CHECKED BY JG	

Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-1
		TOPSOIL.		
0.5		SILTY CLAY: Silty clay with trace sands, fine grained, low plasticity, dark brown, damp.		
1			<1	bentonite
1.5				
2		SILTY SANDS; Silty sands, fine to medium grained, light brown, moist.	<1	
2.5				
3			<1	
3.5		CLAY: Silty clay, dense, dark brown, dry.		
4			<1	filter pack
4.5				
5			<1	
5.5				
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

COMMENTS	LOGGED BY CH CHECKED BY JG
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-2
0.5		SAND; Sand with trace silt, fine-medium grained, light brown, damp. Saturated at 3'	<1	
1				
1.5				
2				
2.5				
3				
3.5				
4				
4.5				
5				
5.5				
6				
6.5		Termination Depth at: 6ft	<1	
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626		DRILLING DATE: 4/7/2025	WATER LEVEL: NA	
FIELD REP: Casey H. / Garek H.		CONTRACTOR: NAPS	SCREEN INTERVAL: NA	
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC		DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'	
		BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'	
ADDRESS: 5250 Conner Street, Detroit, MI 4821		TOTAL DEPTH: 6'		
COMMENTS			LOGGED BY CH CHECKED BY JG	
Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-3
		CLAY; Silty clay, medium plasticity, dark brown, damp.		
0.5		CLAY; Clay with trace silts and trace sands, medium plasticity, damp.		
1			<1	bentonite
1.5				
2			<1	
2.5				
3			<1	
3.5				
4			<1	filter pack
4.5				
5			<1	
5.5				
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

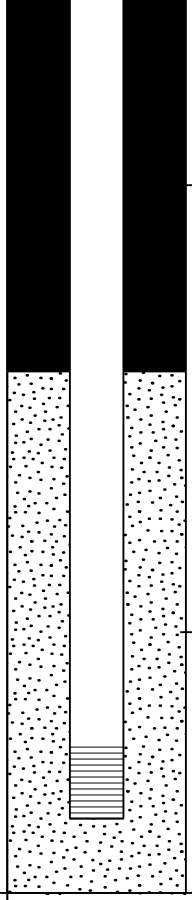
COMMENTS	LOGGED BY CH CHECKED BY JG
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-4
0.0		TOPSOIL.		
0.5		CLAY; Silty clay with trace sands, fine grained, low plasticity, dark brown, damp.		
1.0			<1	bentonite
1.5				
2.0			<1	
2.5		CLAY; Silty clay, medium plasticity, brown, moist.		
3.0		SAND; Sand, fine-medium grained, brown, moist.	<1	
3.5		CLAY; Silty clay, medium to high plasticity, brown, damp.		
4.0			<1	filter pack
4.5				
5.0			<1	
5.5				
6.0		Termination Depth at: 6ft		
6.5				
7.0				
7.5				
8.0				
8.5				
9.0				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

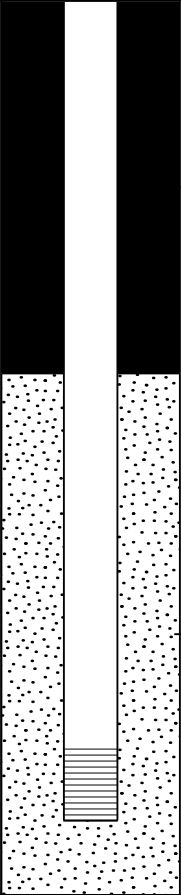
COMMENTS	LOGGED BY CH CHECKED BY JG
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-5
0.0		TOPSOIL		
0.5		CLAY; Silty clay with trace sands and trace gravel, low plasticity, brown, damp.		
1.0			<1	 bentonite
1.5				
2.0			<1	
2.5				
3.0			<1	
3.5				
4.0				
4.5		SAND; Silty sands, fine-medium grained, brown, moist.	<1	
5.0		CLAY; Silty clay, medium plasticity, brown, damp.		
5.5			<1	 filter pack
6.0		Termination Depth at: 6ft		
6.5				
7.0				
7.5				
8.0				
8.5				
9.0				
9.5				

PROJECT NUMBER: 23-3626		DRILLING DATE: 4/7/2025	WATER LEVEL: NA		
FIELD REP: Casey H. / Garek H.		CONTRACTOR: NAPS	SCREEN INTERVAL: NA		
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC		DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'		
		BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'		
ADDRESS: 5250 Conner Street, Detroit, MI 4821					
TOTAL DEPTH: 6'					
COMMENTS			LOGGED BY CH CHECKED BY JG		
Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-6	
0.5		CLAY; Silty clay with trace sand, some pieces of brick and asphalt, low to medium plasticity, brown, damp.	<1	 bentonite filter pack	
1					
1.5		CLAY; silty clay, medium to high plasticity, brown, damp.			
2					
2.5					
3					
3.5					
4					
4.5					
5					
5.5					
6		Termination Depth at: 6ft			
6.5					
7					
7.5					
8					
8.5					
9					
9.5					

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

COMMENTS	LOGGED BY CH CHECKED BY JG
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-7
0.5		CLAY; Silty clay, dense, medium plasticity, brown, damp.	<1	 bentonite filter pack
1			<1	
1.5			<1	
2			<1	
2.5			<1	
3			<1	
3.5			<1	
4			<1	
4.5			<1	
5			<1	
5.5			<1	
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

COMMENTS	LOGGED BY CH CHECKED BY JG
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-8
0.0		TOPSOIL		
0.5		CLAY; Silty clay with trace sands, fine grained, high plasticity, dark brown, damp.		
1.0		SAND; Silty sands, fine - medium grained, brown, moist.	<1	
1.5				
2.0		CLAY; Silty clay, dense, medium plasticity, brown, damp.	<1	
2.5				
3.0			<1	
3.5				
4.0			<1	
4.5				
5.0			<1	
5.5				
6.0		Termination Depth at: 6ft		
6.5				
7.0				
7.5				
8.0				
8.5				
9.0				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 3-3.5'
TOTAL DEPTH: 6'		

COMMENTS borehole collapsed in and filled with water at 3', driller could only get screen to 3' bgs.	LOGGED BY CH CHECKED BY CH
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-9
0.0		TOPSOIL		
0.5		CLAY; Silty clay with trace sands, low plasticity, brown, damp.		
1.0		SAND; Sand with trace silts, fine-medium grained, brown, damp.	<1	bentonite
1.5		CLAY; Silty clay with trace sands, low plasticity, brown, damp.		
2.0		SAND; Sand with trace silts, fine-medium grained, brown, moist.	<1	
2.5		CLAY; Silty clay, dense, medium plasticity, brown, moist.		filter pack
3.0			<1	
3.5				
4.0			<1	
4.5				
5.0			<1	
5.5				
6.0		Termination Depth at: 6ft		
6.5				
7.0				
7.5				
8.0				
8.5				
9.0				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN SIZE: 5-5.5'
TOTAL DEPTH: 6'		

COMMENTS	LOGGED BY CH CHECKED BY JG
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-10
0.5		TOPSOIL		
1		CLAY; Silty clay with trace organic material, trace fill material (broken ceramic), brick, charcoal, some staining, dark brown and black, damp.	<1	bentonite
1.5				
2		SAND; Silty sands, fine - medium grained, brown, moist.	<1	
2.5				
3		CLAY; Silty clay, dense, medium plasticity, brown, damp.	<1	
3.5				
4			<1	filter pack
4.5				
5			<1	
5.5				
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

COMMENTS Borehole collapsed in at 2.5'bgs due to moist soils. Pushed screen to 5'bgs.	LOGGED BY CH CHECKED BY JG
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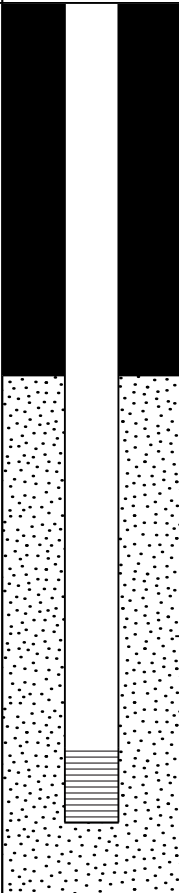
Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-11
0.0		TOPSOIL		
0.5		CLAY; Silty clay with trace sands, fine grained, dark brown, moist.		
1.0			<1	bentonite
1.5		SAND; Silty sands, fine - medium grained, brown, moist.		
2.0			<1	filter pack
2.5		CLAY; Silty clay, dense, medium plasticity, brown, damp.		
3.0			<1	
3.5				
4.0			<1	
4.5				
5.0			<1	
5.5				
6.0		Termination Depth at: 6ft		
6.5				
7.0				
7.5				
8.0				
8.5				
9.0				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

COMMENTS	LOGGED BY CH CHECKED BY JG
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-12
0.5		CLAY: Silty clay with trace sands, fine grained, medium plasticity, dark brown, damp.		
1		CLAY: Silty clay, medium plasticity, moist to damp.	<1	bentonite
1.5			<1	
2			<1	
2.5			<1	
3			<1	
3.5			<1	
4			<1	filter pack
4.5			<1	
5			<1	
5.5			<1	
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

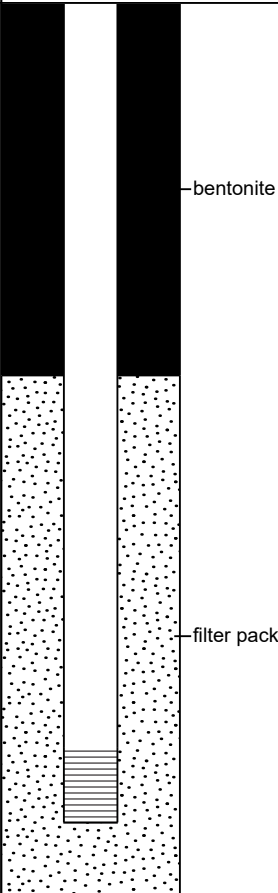
PROJECT NUMBER: 23-3626		DRILLING DATE: 4/7/2025	WATER LEVEL: NA	
FIELD REP: Casey H. / Garek H.		CONTRACTOR: NAPS	SCREEN INTERVAL: NA	
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC		DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'	
		BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'	
ADDRESS: 5250 Conner Street, Detroit, MI 4821		TOTAL DEPTH: 6'		
COMMENTS			LOGGED BY CH CHECKED BY JG	
Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-13
		TOPSOIL		
0.5		SAND; Silty sand, fine-medium grained, trace fill material, slag, dark brown, moist.		
1			<1	
1.5				bentonite
2			<1	
2.5		CLAY; Silty clay, dense, brown, moist.		
3			<1	
3.5				
4			<1	
4.5				filter pack
5			<1	
5.5				
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626		DRILLING DATE: 4/7/2025		WATER LEVEL: NA	
FIELD REP: Casey H. / Garek H.		CONTRACTOR: NAPS		SCREEN INTERVAL: NA	
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC		DRILLING METHOD: Direct Push		SOIL GAS WELL DEPTH: 6'	
		BORING SIZE: 2"		SOIL GAS SCREEN INTERVAL: 5-5.5'	
ADDRESS: 5250 Conner Street, Detroit, MI 4821		TOTAL DEPTH: 6'			
COMMENTS				LOGGED BY CH CHECKED BY JG	
Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-14	
		TOPSOIL			
0.5		CLAY; Silty clay with trace gravel, some broken brick fill material. Sand seam <5" at 3ft, dark brown, damp.	<1		
1			<1		
1.5			<1		
2			<1		
2.5			<1		
3		CLAY; Silty clay, dense, sticky, brown, damp.	<1		
3.5			<1		
4			<1		
4.5			<1		
5			<1		
5.5					
6		Termination Depth at: 6ft			
6.5					
7					
7.5					
8					
8.5					
9					
9.5					

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN IINTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

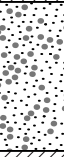
COMMENTS	LOGGED BY CH CHECKED BY JG
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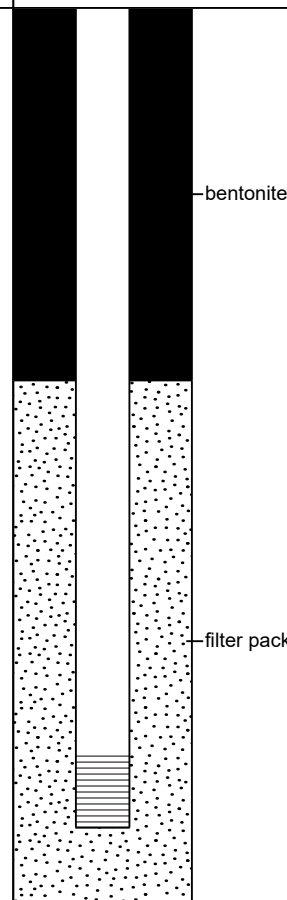
Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-15
0.0		TOPSOIL.		
0.5		SAND; Silty sands, fine-medium grained, brown, damp.		
1.0		CLAY: Silty clay, medium plasticity, brown, damp.	<1	bentonite
1.5				
2.0			<1	
2.5				
3.0			<1	
3.5				
4.0			<1	filter pack
4.5				
5.0			<1	
5.5				
6.0		Termination Depth at: 6ft		
6.5				
7.0				
7.5				
8.0				
8.5				
9.0				
9.5				

PROJECT NUMBER: 23-3626		DRILLING DATE: 4/8/2025	WATER LEVEL: NA	
FIELD REP: Casey H. / Garek H.		CONTRACTOR: NAPS	SCREEN INTERVAL: NA	
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC		DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'	
ADDRESS: 5250 Conner Street, Detroit, MI 4821		BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'	
TOTAL DEPTH: 6'				
COMMENTS			LOGGED BY CH CHECKED BY JG	
Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-16
0.5		TOPSOIL		 bentonite filter pack
1		CLAY; Clay, dense, brown, damp.	<1	
1.5				
2			<1	
2.5				
3		SAND; Sand, fine-medium grained, brown, damp.	<1	
3.5				
4		CLAY; Silty clay, high plasticity, brown, damp.	<1	
4.5				
5			<1	
5.5				
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626 FIELD REP: Casey H. / Garek H. CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC ADDRESS: 5250 Conner Street, Detroit, MI 4821	DRILLING DATE: 4/8/2025 CONTRACTOR: NAPS DRILLING METHOD: Direct Push BORING SIZE: 2" TOTAL DEPTH: 6'	WATER LEVEL: NA SCREEN INTERVAL: NA SOIL GAS WELL DEPTH: 6' SOIL GAS SCREEN INTERVAL: 5-5.5'
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COMMENTS	LOGGED BY CH CHECKED BY JG
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-17
0.5		TOPSOIL		
1		CLAY; Clay, dense, brown, damp.	<1	
1.5				
2		SAND; Sand with trace silts, fine grained, black to tan, damp.	<1	
2.5				
3		CLAY; Clay, dense, brown, damp.	<1	
3.5				
4		CLAY; Silty clay, brown, high plasticity, damp.	<1	
4.5				
5			<1	
5.5				
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626 FIELD REP: Casey H. / Garek H. CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC ADDRESS: 5250 Conner Street, Detroit, MI 4821		DRILLING DATE: 4/7/2025 CONTRACTOR: NAPS DRILLING METHOD: Direct Push BORING SIZE: 2" TOTAL DEPTH: 6'		WATER LEVEL: NA SCREEN INTERVAL: NA SOIL GAS WELL DEPTH: 6' SOIL GAS SCREEN INTERVAL: 5-5.5'	
COMMENTS			LOGGED BY CH CHECKED BY JG		
Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-18	
0.5		TOPSOIL			
1		CLAY; Silty clay, brown, low plasticity, damp.	<1		
1.5					
2		SAND; Silty sands, fine grained, brown and black, damp.	<1		
2.5					
3			<1		
3.5			<1		
4			<1		
4.5			<1		
5			<1		
5.5					
6		Termination Depth at: 6ft			
6.5					
7					
7.5					
8					
8.5					
9					
9.5					

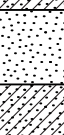
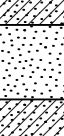
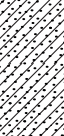
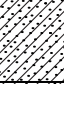
PROJECT NUMBER: 23-3626		DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.		CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC		DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
		BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
ADDRESS: 5250 Conner Street, Detroit, MI 4821		TOTAL DEPTH: 6'	

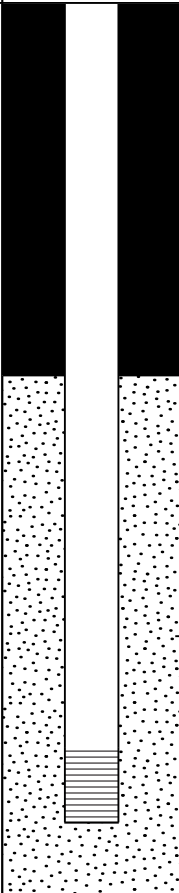
COMMENTS			LOGGED BY CH	
			CHECKED BY JG	

Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-19
0.5		TOPSOIL		
1		CLAY; Silty clay with brick pieces at 2.5', asphalt / concrete at 3.5', a 2" sand seam at 4', fine to medium grained, black, damp.	<1	bentonite
1.5				
2			<1	
2.5				
3			<1	
3.5				
4			<1	filter pack
4.5				
5			<1	
5.5				
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

COMMENTS	LOGGED BY CH
	CHECKED BY CH

Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-20
0.5		TOPSOIL		
1		SAND; Silty sands, fine grained, brown and black, damp.	<1	
1.5				
2			<1	
2.5				
3		CLAY; Clay, dense, brown, damp.	<1	
3.5				
4		CLAY; Silty clay with brick pieces at 4' and saturated, brown, moist to damp 5-6'.	<1	
4.5				
5			<1	
5.5				
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

PROJECT NUMBER: 23-3626		DRILLING DATE: 4/7/2025		WATER LEVEL: NA	
FIELD REP: Casey H. / Garek H.		CONTRACTOR: NAPS		SCREEN INTERVAL: NA	
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC		DRILLING METHOD: Direct Push		SOIL GAS WELL DEPTH: 6'	
ADDRESS: 5250 Conner Street, Detroit, MI 4821		BORING SIZE: 2"		SOIL GAS SCREEN SIZE: 5-5.5'	
TOTAL DEPTH: 6'					
COMMENTS				LOGGED BY CH	
				CHECKED BY JG	
Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-21	
0.5		TOPSOIL		 bentonite filter pack	
1		SAND; Silty sands, fine grained, brown, damp.	<1		
1.5					
2		SAND; Sand, fine grained, brown, damp, saturated at 4'.	<1		
2.5					
3			<1		
3.5					
4		CLAY; Silty clay, dense, medium plasticity, brown, damp.	<1		
4.5					
5			<1		
5.5					
6		Termination Depth at: 6ft			
6.5					
7					
7.5					
8					
8.5					
9					
9.5					

PROJECT NUMBER: 23-3626	DRILLING DATE: 4/7/2025	WATER LEVEL: NA
FIELD REP: Casey H. / Garek H.	CONTRACTOR: NAPS	SCREEN INTERVAL: NA
CLIENT: GDC-DHC Parkside limited Dividend Housing Association, LLC	DRILLING METHOD: Direct Push	SOIL GAS WELL DEPTH: 6'
ADDRESS: 5250 Conner Street, Detroit, MI 4821	BORING SIZE: 2"	SOIL GAS SCREEN INTERVAL: 5-5.5'
TOTAL DEPTH: 6'		

COMMENTS	LOGGED BY CH CHECKED BY JG
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Depth (FT)	Graphic Log	Material Description	PID	Well Diagram SG-22
0.5		TOPSOIL		
1		CLAY; Clay, grey to black, damp.	<1	bentonite
1.5				
2		SAND; Sand with trace silts, fine grained, brown, damp.	<1	
2.5				
3		CLAY; Silty clay, dense, medium plasticity, brown, damp.	<1	
3.5				
4			<1	filter pack
4.5				
5			<1	
5.5				
6		Termination Depth at: 6ft		
6.5				
7				
7.5				
8				
8.5				
9				
9.5				

APPENDIX B:

2025 SOIL GAS SAMPLING FORMS



Soil Gas Form

Revised 4/2023

General Information

Date: 7/1 /2025	Sample ID: SG - 1
Project #: 23-3626-01	Field Rep.: CH & TT
Location: 5250 Conner Street, Detroit	Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: mostly cloudy	Rain Event >24 hrs?: Yes / <u>No</u>
Temperature: 75°	Barometric Pressure in-Hg: 29.85

Volume Calculation & Purging

Sample Point Type: Pin / <u>3" Screen</u>	Moisture Identified: Yes <u>No</u>
Initial Vacuum Test: 0	Purge Method: Syringe
Vapor Point Depth: 5 - 5.25	Purge Rate: Less than 200 mL/min
Total Tube Length: 6'	system length (ft) x .01 L/ft = purge volume (L) purge volume (L) x 1000 (mL) = purge volume (mL) minimum of three volumes purged from sampling system
Purge Volume: 150 mL x 3	

Instrument Readings

% O ₂ : 20.9 Atmospheric % O ₂ : 20.9	Other:
% CH ₄ : 0 Atmospheric % CH ₄ : 0	PID ppm: 2.2
% CO ₂ : 0 Atmospheric % CO ₂ : 0	Suspected Constituents: Petroleum / Solvent / Mercury <u>Other</u>

Quality Control

% Max Tracer Gas Concentration: 50.6	Tracer Gas Utilized: Helium
% Tracer Gas Detected: - 00.2	Leak Detected: no

Sampling

TO-17

Starting Time:	1002	Cannister Volume:
Initial Pressure:	- 30	Sample Location:
Ending Time:	1014	
Final Pressure:	- 26	

Notes

Canister ID: 44891 PID: 0.8 @ ambient air
Flow ID: 327
TO-17 Tube ID: 866281 @ 1023



Soil Gas Form

Revised 4/2023

General Information

Date: 7/1/2025	Sample ID: SG - 2
Project #: 23-3626-01	Field Rep.: CH & TT
Location: 5250 Conner Street, Detroit	Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: mostly cloudy	Rain Event >24 hrs?: Yes ☐ No ☒
Temperature: 75°	Barometric Pressure in-Hg: 29.85

Volume Calculation & Purging

Sample Point Type: Pin / <u>3" Screen</u>	Moisture Identified: Yes ☐ No ☒
Initial Vacuum Test: 0	Purge Method: Syringe
Vapor Point Depth: 5 - 5.25	Purge Rate: Less than 200 mL/min
Total Tube Length: 6'	system length (ft) x .01 L/ft = purge volume (L) purge volume (L) x 1000 (mL) = purge volume (mL) minimum of three volumes purged from sampling system
Purge Volume: 150 mL x 3	

Instrument Readings

% O ₂ : 20.9% Atmospheric % O ₂ : 20.9%	Other:
% CH ₄ : 0% Atmospheric % CH ₄ : 0%	PID ppm: 1.4
% CO ₂ : 0% Atmospheric % CO ₂ : 0%	Suspected Constituents: Petroleum / Solvent / Mercury <u>Other</u>

Quality Control

% Max Tracer Gas Concentration: 19.5%	Tracer Gas Utilized: Helium
% Tracer Gas Detected: 00.9%	Leak Detected: ☒

Sampling

TO-17

Starting Time: 1105	Cannister Volume:
Initial Pressure: -29	Sample Location:
Ending Time: 1123	
Final Pressure: -5	

Notes

Canister ID: 42275 PID: 0.6 @ ambient air
Flow ID: 521
TO-17 Tube ID: 870461



Soil Gas Form

Revised 4/2023

General Information

Date: 7/1/2025

Sample ID: SG - 3

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions:

Rain Event >24 hrs?: Yes / No

Temperature: 85° and sunny

Barometric Pressure in-Hg: 29.83

Volume Calculation & Purging

Sample Point Type: Pin / 3" Screen

Moisture Identified: Yes / No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 20.9 Atmospheric % O₂: 20.9

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 2.4

% CO₂: 0 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury other

Quality Control

% Max Tracer Gas Concentration: 44.9

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.8

Leak Detected: no

Sampling

TO-17

Starting Time: 1322

Cannister Volume:

Initial Pressure: -27

Sample Location:

Ending Time: 1328

Final Pressure: -5

Notes

Cannister ID: 44059

Flow ID: 254 & didn't work used 417

TO-17 Tube ID: 870462 @ 1335

purged with peristaltic pump
until dry
PID: 0.3 @ ambient air



Soil Gas Form

Revised 4/2023

General Information

Date: 7/1/2025

Sample ID: SG - 4

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes / No

Temperature: 85°

Barometric Pressure in-Hg: 29.83

Volume Calculation & Purging

Sample Point Type: Pin / 3" Screen

Moisture Identified: Yes / No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 19.1 Atmospheric % O₂: 20.2

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 1.0

% CO₂: 0.8 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury / Other

Quality Control

% Max Tracer Gas Concentration: 40.1

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 0.00.2

Leak Detected: no

Sampling

TO-17

Starting Time: 1347

Cannister Volume:

Initial Pressure: 28

Sample Location:

Ending Time: 1353

Final Pressure: -5

Notes

Canister ID: 254082

PID = 0.3 @ ~~ambient~~ ambient air

Flow ID: 417 (used twice)

TO-17 Tube ID: 874120 @ 1400



Soil Gas Form

Revised 4/2023

General Information

Date: 7/1/2025

Sample ID: SG - 5

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes / No

Temperature: 85°

Barometric Pressure in-Hg: 29.82

Volume Calculation & Purging

Sample Point Type: Pin / 3" Screen

Moisture Identified: Yes / No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 17.8 Atmospheric % O₂: 20.5

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 0.4

% CO₂: 1.8 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury / other

Quality Control

% Max Tracer Gas Concentration: 50.1

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.8

Leak Detected: no

Sampling

TO-17

Starting Time: 1420

Cannister Volume:

Initial Pressure: -30

Sample Location:

Ending Time: 1430

Final Pressure: -6

Notes

Canister ID: 40114

PID = 0.2 @ ambient air

Flow ID: 026

TO-17 Tube ID: 850390



Soil Gas Form

Revised 4/2023

General Information

Date: 7/1/2025

Sample ID: SG - 6

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes / No

Temperature: 85°

Barometric Pressure in-Hg: 29.82

Volume Calculation & Purging

Sample Point Type: Pin / 3" Screen

Moisture Identified: Yes / No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: S - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 18.6 Atmospheric % O₂: 20.8

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 1.2

% CO₂: 0.8 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury / Other

Quality Control

% Max Tracer Gas Concentration: 21.2

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.7

Leak Detected: no

Sampling

TO-17

Starting Time: 1443

Cannister Volume:

Initial Pressure: -27

Sample Location:

Ending Time: 1449

Final Pressure: -5

Notes

Canister ID: 23693

PFD: 0.3 @ ambient air

Flow ID: 385

TO-17 Tube ID: 874114 @ 1453



Soil Gas Form

Revised 4/2023

General Information

Date: 7/1/2025

Sample ID: SG - 7

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes / ☒ No

Temperature: 85°

Barometric Pressure in-Hg: 29.82

Volume Calculation & Purging

Sample Point Type: Pin / ☒ 3" Screen

Moisture Identified: Yes / ☒ No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 20.9 Atmospheric % O₂: 20.9

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 0.3

% CO₂: 0 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 37.7

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.8

Leak Detected: no

Sampling

TO-17

Starting Time: 1505

Cannister Volume:

Initial Pressure: -27

Sample Location:

Ending Time: 1510

Final Pressure: -5

Notes

Canister ID: 42321

PID: 0.1 @ ambient air

Flow ID: 165

TO-17 Tube ID: 866257



Soil Gas Form

Revised 4/2023

General Information

Date: 7/17/2025

Sample ID: SG - 8

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: sunny

Rain Event >24 hrs?: Yes ☒ No

Temperature: 75°

Barometric Pressure in-Hg: 29.96

Volume Calculation & Purging

Sample Point Type: Pin / ☒ 3" Screen

Moisture Identified: Yes ☒ No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 20.4 Atmospheric % O₂: 20.9

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 1.0

% CO₂: 0.5 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 35.0

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.1

Leak Detected: no

Sampling

TO-17

Starting Time: 908

Cannister Volume:

Initial Pressure: -30

Sample Location:

Ending Time: 914

Final Pressure: -5

Notes

Canister ID: 35565

PID: 0.2 @ ambient air

Flow ID: 420

TO-17 Tube ID: 850395 @ 918



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG - 9

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes ☒ No

Temperature: 75°

Barometric Pressure in-Hg: 29.96

Volume Calculation & Purging

Sample Point Type: Pin / ☒ 3" Screen

Moisture Identified: Yes ☒ No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 19.0 Atmospheric % O₂: 20.9

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 2.2

% CO₂: 1.2 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 27.7

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.1

Leak Detected: no

Sampling

TO-17

Starting Time: 930

Cannister Volume:

Initial Pressure: -29

Sample Location:

Ending Time: 935

Final Pressure: -5

Notes

Canister ID: 45777

PID = 0.1 @ ambient air

Flow ID: 389

TO-17 Tube ID: 866270 @ 938



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025	Sample ID: SG - 10
Project #: 23-3626-01	Field Rep.: CH & TT
Location: 5250 Conner Street, Detroit	Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: 75°	Rain Event >24 hrs?: Yes ☒ No
Temperature: Sunny	Barometric Pressure in-Hg: 29.96

Volume Calculation & Purging

Sample Point Type: Pin / ☒ 3" Screen	Moisture Identified: Yes ☒ No
Initial Vacuum Test: 0	Purge Method: Syringe
Vapor Point Depth: 5 - 5.25	Purge Rate: Less than 200 mL/min
Total Tube Length: 6'	system length (ft) x .01 L/ft = purge volume (L) purge volume (L) x 1000 (mL) = purge volume (mL) minimum of three volumes purged from sampling system
Purge Volume: 150 mL x 3	

Instrument Readings

% O ₂ : 18.52 Atmospheric % O ₂ : 20.92	Other:
% CH ₄ : 0.2 Atmospheric % CH ₄ : 0.2	PID ppm: 2.1 ppm
% CO ₂ : 1.52 Atmospheric % CO ₂ : 0.02	Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 20.42	Tracer Gas Utilized: Helium
% Tracer Gas Detected: 20.32	Leak Detected: No

Sampling

TO-17

Starting Time: 0942	Cannister Volume:
Initial Pressure: -12	Sample Location:
Ending Time: 0948	
Final Pressure: -5	

Notes

Canister ID: 28545
Flow ID: 185
TO-17 Tube ID: 866288 @ 950



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG - 11

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes ☒ No

Temperature: 78°

Barometric Pressure in-Hg: 29.96

Volume Calculation & Purging

Sample Point Type: Pin ☒ 3" Screen

Moisture Identified: Yes ☒ No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 20.5 Atmospheric % O₂: 20.9

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 0.5 ppm

% CO₂: 0.8 Atmospheric % CO₂: 0.0

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 22.2

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.6

Leak Detected: ☒

Sampling

TO-17

Starting Time: 1019

Cannister Volume:

Initial Pressure: -27

Sample Location:

Ending Time: 1026

Final Pressure: -5

Notes

Canister ID: 42822

Flow ID: 311

TO-17 Tube ID: 874055 @ 1030



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG - 12

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes / ☒ No

Temperature: 79°

Barometric Pressure in-Hg: 29.96

Volume Calculation & Purging

Sample Point Type: Pin / ☒ 3" Screen

Moisture Identified: ☒ Yes / No

Initial Vacuum Test: 0

Purge Method: Syringe & Peristaltic Pump

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 20.98 Atmospheric % O₂: 20.98

Other:

% CH₄: 0.8 Atmospheric % CH₄: 0.8

PID ppm: 0.3 ppm

% CO₂: 0.08 Atmospheric % CO₂: 0.08

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 21.58

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.98

Leak Detected: ☒

Sampling

TO-17

Starting Time: 1047

Cannister Volume:

Initial Pressure: -17

Sample Location:

Ending Time: 1101

Final Pressure: -5

Notes

Canister ID: 12446

Flow ID: 343

TO-17 Tube ID: 866298 @ 1103

Water in well
had to purge w/ peristaltic
pump



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG - 13

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes ☒ No

Temperature: 79°

Barometric Pressure in-Hg: 29.96

Volume Calculation & Purging

Sample Point Type: Pin ☒ 3" Screen

Moisture Identified: Yes ☒ No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)
minimum of three volumes purged from sampling system

Purge Volume: 150 mL x 3

Instrument Readings

% O₂: 20.9 Atmospheric % O₂: 20.9

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 0.3

% CO₂: 0 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 29.5

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.9

Leak Detected:

Sampling

TO-17

Starting Time: 1542 ~~0000~~ ~~0000~~

Cannister Volume:

Initial Pressure: -25 ~~0000~~ ~~0000~~

Sample Location:

Ending Time:

Final Pressure:

Notes

Canister ID: ~~0000~~ 44836

PID = 0.20 ambient air

Flow ID: ~~000~~ 330 (used twice)

TO15 seal came loose when trying to sample

TO-17 Tube ID: 866206 1550



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG-14

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes ☒ No

Temperature: 80°

Barometric Pressure in-Hg: 29.96

Volume Calculation & Purging

Sample Point Type: Pin ☒ 3" Screen

Moisture Identified: Yes ☒ No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)
minimum of three volumes purged from sampling system

Purge Volume: 150 mL x 3

Instrument Readings

% O₂: 20.9 Atmospheric % O₂: 20.9

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 0.2

% CO₂: 0 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 33.5

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.2

Leak Detected: no

Sampling

TO-17

Starting Time: 1132

Cannister Volume:

Initial Pressure: -28

Sample Location:

Ending Time: 1138

Final Pressure: -5

Notes

Canister ID: 13733

PID=0.2 @ ambient air

Flow ID: 430

TO-17 Tube ID: 874019 @ 1112



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG-15

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes ☒ No

Temperature: 80°

Barometric Pressure in-Hg: 29.96

Volume Calculation & Purging

Sample Point Type: Pin ☒ 3" Screen

Moisture Identified: Yes ☒ No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)
minimum of three volumes purged from sampling system

Purge Volume: 150 mL x 3

Instrument Readings

% O₂: 20.9 Atmospheric % O₂: 20.9

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 0.2

% CO₂: 0.4 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 33.7

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.1

Leak Detected: no

Sampling

TO-17

Starting Time:

1151

Cannister Volume:

Initial Pressure:

- 29

Sample Location:

Ending Time:

1201

Final Pressure:

- 5

Notes

Canister ID: 44083

PID = 0.1 @ ambient air

Flow ID: 330

TO-17 Tube ID: 879100 @ 1204



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG - 16

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes (No)

Temperature: 81°

Barometric Pressure in-Hg: 29.94

Volume Calculation & Purging

Sample Point Type: Pin / (3" Screen)

Moisture Identified: Yes / (No)

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 19.8 Atmospheric % O₂: 20.9

Other:

% CH₄: 0 Atmospheric % CH₄: 0

PID ppm: 1.0

% CO₂: 0.7 Atmospheric % CO₂: 0

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 41.3

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.2

Leak Detected: 00

Sampling

TO-17

Starting Time: ↙

08 - 30

Cannister Volume:

Initial Pressure: ↘

1223

Sample Location:

Ending Time:

1234

Final Pressure:

- 5

Notes

Canister ID: 42809

PID = 0.2 @ ambient air

Flow ID: 255

TO-17 Tube ID: 874097 @ 1234



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025	Sample ID: SG - 17
Project #: 23-3626-01	Field Rep.: CH & TT
Location: 5250 Conner Street, Detroit	Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny	Rain Event >24 hrs?: Yes (No)
Temperature: 81°	Barometric Pressure in-Hg: 29.94

Volume Calculation & Purging

Sample Point Type: Pin (3" Screen)	Moisture Identified: Yes / No
Initial Vacuum Test: 0	Purge Method: Syringe
Vapor Point Depth: 5 - 5.25	Purge Rate: Less than 200 mL/min
Total Tube Length: 6'	system length (ft) x .01 L/ft = purge volume (L) purge volume (L) x 1000 (mL) = purge volume (mL) minimum of three volumes purged from sampling system
Purge Volume: 150 mL x 3	

Instrument Readings

% O ₂ : 19.2	Atmospheric % O ₂ : 20.9	Other:
% CH ₄ : 0	Atmospheric % CH ₄ : 0	PID ppm: 0.4
% CO ₂ : 1.3	Atmospheric % CO ₂ : 0	Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 30.1	Tracer Gas Utilized: Helium
% Tracer Gas Detected: - 00.3	Leak Detected: no

Sampling

TO-17

Starting Time:	1248	Cannister Volume:
Initial Pressure:	- 28	Sample Location:
Ending Time:	1254	
Final Pressure:	- 5	

Notes

Canister ID: 39920
Flow ID: 295
TO-17 Tube ID: 874115 @ 1256
PID = 0.2 @ ambient air



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG-18

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes ☒ No

Temperature: 82°

Barometric Pressure in-Hg: 29.94

Volume Calculation & Purging

Sample Point Type: Pin ☒ 3" Screen

Moisture Identified: Yes ☒ No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5-5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 16.93 Atmospheric % O₂: 20.93

Other:

% CH₄: 0.03 Atmospheric % CH₄: 0.3

PID ppm: 00.4 ppm

% CO₂: 0.52 Atmospheric % CO₂: 0.03

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 19.93

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.2

Leak Detected: ☒

Sampling

TO-17

Starting Time: 1303

Cannister Volume:

Initial Pressure: -28

Sample Location:

Ending Time: 1309

Final Pressure: -5

Notes

Canister ID: 47413

Flow ID: 318

TO-17 Tube ID: 850392 @ 1312



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG - 19

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes / No

Temperature: 82°

Barometric Pressure in-Hg: 29.94

Volume Calculation & Purging

Sample Point Type: Pin 3" Screen

Moisture Identified: Yes / No

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 14.8% Atmospheric % O₂: 21.2%

Other:

% CH₄: 0% Atmospheric % CH₄: 0%

PID ppm: 0.1 ppm

% CO₂: 7.5% Atmospheric % CO₂: 0.0%

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 20.1%

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.1%

Leak Detected: no

Sampling

TO-17

Starting Time: 1313

Cannister Volume:

Initial Pressure: -29

Sample Location:

Ending Time: 1319

Final Pressure: -5

Notes

Canister ID: 47654

Flow ID: 135

TO-17 Tube ID: 870480 21321



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG - 20

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes ☒ No

Temperature: 83°

Barometric Pressure in-Hg: 29.92

Volume Calculation & Purging

Sample Point Type: Pin ☒ 3" Screen

Moisture Identified: ☒ Yes / No

Initial Vacuum Test: ☐

Purge Method: Syringe + PLASTIC pump

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 14.82 Atmospheric % O₂: 20.92

Other:

% CH₄: 0.3 Atmospheric % CH₄: 0

PID ppm: 0.0 ppm

% CO₂: 3.22 Atmospheric % CO₂: 0.2

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 26.32

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.7

Leak Detected: ☒

Sampling

TO-17

Starting Time: 1340

Cannister Volume:

Initial Pressure: -28

Sample Location:

Ending Time: 1358

Final Pressure: -5

Notes

Canister ID: 27397

Flow ID: 293

TO-17 Tube ID: 866220 @ 1400

Pumping started @ 1326 (350 rpm)



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG-21

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: sunny

Rain Event >24 hrs?: Yes ☒ No

Temperature: 83°

Barometric Pressure in-Hg: 29.92

Volume Calculation & Purging

Sample Point Type: Pin ☒ 3" Screen

Moisture Identified: ☒ Yes ☐ No

Initial Vacuum Test: 0

Purge Method: Syringe + Pump

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)
minimum of three volumes purged from sampling system

Purge Volume: 150 mL x 3

Instrument Readings

% O₂: 16.8 Atmospheric % O₂: 20.98

Other:

% CH₄: 0 Atmospheric % CH₄: 0.03

PID ppm: 0.1 ppm

% CO₂: 1.29 Atmospheric % CO₂: 0.02

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 20.5

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.8

Leak Detected: ☒

Sampling

TO-17

Starting Time: 1354

~~0000~~ 1412

Cannister Volume:

Initial Pressure: -2.8

-2.7

Sample Location:

Ending Time:

1447

Final Pressure:

-5

Notes

Canister ID: ~~0000~~ 44899

Flow ID: ~~0000~~ 590

TO-17 Tube ID: 870463 @ 1450

Water came up into regulation
Had to disconnect & pump
then re-start



Soil Gas Form

Revised 4/2023

General Information

Date: 7/2/2025

Sample ID: SG-22

Project #: 23-3626-01

Field Rep.: CH & TT

Location: 5250 Conner Street, Detroit

Sample Type: TO-15 TO-17 Mercury

Field Conditions

Weather Conditions: Sunny

Rain Event >24 hrs?: Yes / (No)

Temperature: 84°

Barometric Pressure in-Hg: 29.92

Volume Calculation & Purging

Sample Point Type: Pin 3" Screen

Moisture Identified: Yes / (No)

Initial Vacuum Test: 0

Purge Method: Syringe

Vapor Point Depth: 5 - 5.25

Purge Rate: Less than 200 mL/min

Total Tube Length: 6'

system length (ft) x .01 L/ft = purge volume (L)
purge volume (L) x 1000 (mL) = purge volume (mL)

Purge Volume: 150 mL x 3

minimum of three volumes purged from sampling system

Instrument Readings

% O₂: 17.38 Atmospheric % O₂: 20.98

Other:

% CH₄: 0.2 Atmospheric % CH₄: 0.2

PID ppm: 0.1 ppm

% CO₂: 3.58 Atmospheric % CO₂: 0.02

Suspected Constituents: Petroleum / Solvent / Mercury

Quality Control

% Max Tracer Gas Concentration: 23.8

Tracer Gas Utilized: Helium

% Tracer Gas Detected: 00.9

Leak Detected: no

Sampling

TO-17

Starting Time: 1429

Cannister Volume:

Initial Pressure: -2.8

Sample Location:

Ending Time: 1433

Final Pressure: -8.5

Notes

Canister ID: ~~12418~~ 12418

Flow ID: 579

TO-17 Tube ID: 850372 @ 0.010
1754



ATTACHMENT C:

2025 LABORATORY ANALYTICAL REPORTS



Analytical Laboratory Report

Report ID: S73243.01(01)
Generated on 04/16/2025

Report to
Attention: Jade Gillette
TriTerra
1375 S. Washington Avenue, Suite 100
Lansing, MI 48910

Phone: n/a FAX:
Email: jade.gillette@triterra.us

Additional Contacts: Brad Buswell, Casey C. Heath

Report produced by
Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary
Lab Sample ID(s): S73243.01-S73243.08
Project: 23-3626 Parkside
Collected Date(s): 04/07/2025
Submitted Date/Time: 04/08/2025 15:50
Sampled by: Casey Heath
P.O. #:

Table of Contents

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Maya Murshak
Technical Director



Analytical Laboratory Report

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Starred (*) analytes are not NY NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.

For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

There is no additional narrative for this analytical report



Analytical Laboratory Report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
o	Associated EIS outside of control limits
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
q	Qualifier ion ratio outside of control limits
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Analytical Laboratory Report

Method Summary

Method	Version
SM2540B	Standard Method 2540 B 2020
SW3050B	SW 846 Method 3050B Revision 2 December 1996
SW3546	SW 846 Method 3546 Revision 0 February 2007
SW5035A	SW 846 Method 5035A Revision 1 July 2002
SW5035A/8260C	SW 846 Method 8260C Revision 3 August 2006 / 5035A Revision 1 July 2002
SW6020A	SW 846 Method 6020A Revision 1 February 2007
SW7471B	SW 846 Method 7471B Revision 2 February 2007
SW8082A	SW 846 Method 8082A Revision 1 February 2007
SW8270D	SW 846 Method 8270D Revision 4 February 2007



Analytical Laboratory Report

Sample Summary (8 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S73243.01	SB-16 0.5-1	Soil	04/07/25 10:28
S73243.02	SB-17 0.5-1	Soil	04/07/25 10:41
S73243.03	SB-18 0.5-1	Soil	04/07/25 10:49
S73243.04	SB-19 0.5-1	Soil	04/07/25 10:58
S73243.05	SB-20 0.5-1	Soil	04/07/25 11:05
S73243.06	SB-21 0.5-1	Soil	04/07/25 11:14
S73243.07	SB-22 0.5-1	Soil	04/07/25 10:12
S73243.08	SB-23 0.5-1	Soil	04/07/25 09:49



Analytical Laboratory Report

Lab Sample ID: S73243.01

Sample Tag: SB-16 0.5-1

Collected Date/Time: 04/07/2025 10:28

Matrix: Soil

COC Reference: 177512

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40mL Glass	MeOH	Yes	4.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3050B	04/10/25 14:05	JRH	
Extraction, PCB*	Completed	SW3546	04/14/25 12:30	DJS	
PNA Extraction*	Completed	SW3546	04/14/25 14:06	DJS	
Sample wt. (g) / Methanol (ml)*	10.629/10	SW5035A	04/09/25 12:09	ACK	
Mercury Digestion	Completed	SW7471B	04/10/25 11:35	CTV	

Inorganics

Method: SM2540B, Run Date: 04/09/25 11:49, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Total Solids*	85	1		%	1		

Metals

Method: SW6020A, Run Date: 04/10/25 15:09, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	5,560	200		ug/kg	274	7440-38-2	
Barium	54,900	1,000		ug/kg	274	7440-39-3	
Cadmium	320	200		ug/kg	274	7440-43-9	
Chromium	9,960	500		ug/kg	274	7440-47-3	
Copper	13,900	500		ug/kg	274	7440-50-8	
Lead	30,800	300		ug/kg	274	7439-92-1	
Selenium	Not detected	400		ug/kg	274	7782-49-2	
Silver	Not detected	200		ug/kg	274	7440-22-4	
Zinc	72,000	500		ug/kg	274	7440-66-6	

Method: SW7471B, Run Date: 04/10/25 15:11, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Mercury	Not detected	50		ug/kg	70	7439-97-6	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 04/15/25 12:46, Analyst: ELR

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PCB-1016	Not detected	330		ug/kg	5	12674-11-2	
PCB-1242	Not detected	330		ug/kg	5	53469-21-9	
PCB-1221	Not detected	330		ug/kg	5	11104-28-2	
PCB-1232	Not detected	330		ug/kg	5	11141-16-5	
PCB-1248	Not detected	330		ug/kg	5	12672-29-6	
PCB-1254	Not detected	330		ug/kg	5	11097-69-1	
PCB-1260	Not detected	330		ug/kg	5	11096-82-5	



Analytical Laboratory Report

Lab Sample ID: S73243.01 (continued)

Sample Tag: SB-16 0.5-1

Organics - Semi-Volatiles

Polynuclear Aromatics, Method: SW8270D, Run Date: 04/15/25 03:54, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acenaphthene	Not detected	300		ug/kg	10	83-32-9	
Acenaphthylene	Not detected	300		ug/kg	10	208-96-8	
Anthracene	Not detected	300		ug/kg	10	120-12-7	
Benzo(a)anthracene	500	300		ug/kg	10	56-55-3	
Benzo(a)pyrene	400	300		ug/kg	10	50-32-8	
Benzo(b)fluoranthene	1,100	300		ug/kg	10	205-99-2	p
Benzo(k)fluoranthene	800	300		ug/kg	10	207-08-9	p
Benzo(ghi)perylene	Not detected	300		ug/kg	10	191-24-2	
Chrysene	500	300		ug/kg	10	218-01-9	
Dibenzo(ah)anthracene	Not detected	300		ug/kg	10	53-70-3	
Fluoranthene	1,100	300		ug/kg	10	206-44-0	
Fluorene	Not detected	300		ug/kg	10	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	300		ug/kg	10	193-39-5	
Naphthalene	Not detected	300		ug/kg	10	91-20-3	
Phenanthrene	700	300		ug/kg	10	85-01-8	
Pyrene	800	300		ug/kg	10	129-00-0	
2-Methylnaphthalene	Not detected	300		ug/kg	10	91-57-6	
1-Methylnaphthalene	Not detected	300		ug/kg	10	90-12-0	

Organics - Volatiles

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 21:19, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	300		ug/kg	64.2	60-29-7	
Acetone	Not detected	1,000		ug/kg	64.2	67-64-1	
Methyl iodide	Not detected	100		ug/kg	64.2	74-88-4	
Carbon disulfide	Not detected	300		ug/kg	64.2	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	300		ug/kg	64.2	1634-04-4	
Acrylonitrile	Not detected	100		ug/kg	64.2	107-13-1	
2-Butanone (MEK)	Not detected	960		ug/kg	64.2	78-93-3	
Dichlorodifluoromethane	Not detected	300		ug/kg	64.2	75-71-8	
Chloromethane	Not detected	300		ug/kg	64.2	74-87-3	
Vinyl chloride	Not detected	60		ug/kg	64.2	75-01-4	
Bromomethane	Not detected	300		ug/kg	64.2	74-83-9	
Chloroethane	Not detected	300		ug/kg	64.2	75-00-3	
Trichlorofluoromethane	Not detected	100		ug/kg	64.2	75-69-4	
1,1-Dichloroethene	Not detected	60		ug/kg	64.2	75-35-4	
Methylene chloride	Not detected	100		ug/kg	64.2	75-09-2	
trans-1,2-Dichloroethene	Not detected	60		ug/kg	64.2	156-60-5	
1,1-Dichloroethane	Not detected	60		ug/kg	64.2	75-34-3	
cis-1,2-Dichloroethene	Not detected	60		ug/kg	64.2	156-59-2	
Tetrahydrofuran	Not detected	1,000		ug/kg	64.2	109-99-9	
Chloroform	Not detected	60		ug/kg	64.2	67-66-3	
Bromochloromethane	Not detected	100		ug/kg	64.2	74-97-5	
1,1,1-Trichloroethane	Not detected	60		ug/kg	64.2	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	3,000		ug/kg	64.2	108-10-1	
2-Hexanone	Not detected	3,000		ug/kg	64.2	591-78-6	
Carbon tetrachloride	Not detected	60		ug/kg	64.2	56-23-5	
Benzene	Not detected	60		ug/kg	64.2	71-43-2	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.



Analytical Laboratory Report

Lab Sample ID: S73243.01 (continued)

Sample Tag: SB-16 0.5-1

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 21:19, Analyst: KAG (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2-Dichloroethane	Not detected	60		ug/kg	64.2	107-06-2	
Trichloroethene	Not detected	60		ug/kg	64.2	79-01-6	
1,2-Dichloropropane	Not detected	60		ug/kg	64.2	78-87-5	
Bromodichloromethane	Not detected	100		ug/kg	64.2	75-27-4	
Dibromomethane	Not detected	300		ug/kg	64.2	74-95-3	
cis-1,3-Dichloropropene	Not detected	60		ug/kg	64.2	10061-01-5	
Toluene	Not detected	60		ug/kg	64.2	108-88-3	
trans-1,3-Dichloropropene	Not detected	60		ug/kg	64.2	10061-02-6	
1,1,2-Trichloroethane	Not detected	60		ug/kg	64.2	79-00-5	
Tetrachloroethene	Not detected	60		ug/kg	64.2	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	60		ug/kg	64.2	110-57-6	
Dibromochloromethane	Not detected	100		ug/kg	64.2	124-48-1	
1,2-Dibromoethane	Not detected	30		ug/kg	64.2	106-93-4	M
Chlorobenzene	Not detected	60		ug/kg	64.2	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	100		ug/kg	64.2	630-20-6	
Ethylbenzene	Not detected	60		ug/kg	64.2	100-41-4	
p,m-Xylene	Not detected	100		ug/kg	64.2		
o-Xylene	Not detected	60		ug/kg	64.2	95-47-6	
Styrene	Not detected	60		ug/kg	64.2	100-42-5	
Isopropylbenzene	Not detected	300		ug/kg	64.2	98-82-8	
Bromoform	Not detected	100		ug/kg	64.2	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	60		ug/kg	64.2	79-34-5	
1,2,3-Trichloropropane	Not detected	100		ug/kg	64.2	96-18-4	
n-Propylbenzene	Not detected	60		ug/kg	64.2	103-65-1	
Bromobenzene	Not detected	100		ug/kg	64.2	108-86-1	
1,3,5-Trimethylbenzene	Not detected	60		ug/kg	64.2	108-67-8	
tert-Butylbenzene	Not detected	60		ug/kg	64.2	98-06-6	
1,2,4-Trimethylbenzene	Not detected	60		ug/kg	64.2	95-63-6	
sec-Butylbenzene	Not detected	60		ug/kg	64.2	135-98-8	
p-Isopropyltoluene	Not detected	100		ug/kg	64.2	99-87-6	
1,3-Dichlorobenzene	Not detected	100		ug/kg	64.2	541-73-1	
1,4-Dichlorobenzene	Not detected	100		ug/kg	64.2	106-46-7	
1,2-Dichlorobenzene	Not detected	100		ug/kg	64.2	95-50-1	
1,2,3-Trimethylbenzene	Not detected	60		ug/kg	64.2	526-73-8	
n-Butylbenzene	Not detected	60		ug/kg	64.2	104-51-8	
Hexachloroethane	Not detected	400		ug/kg	64.2	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	300		ug/kg	64.2	96-12-8	
1,2,4-Trichlorobenzene	Not detected	420		ug/kg	64.2	120-82-1	
1,2,3-Trichlorobenzene	Not detected	420		ug/kg	64.2	87-61-6	
Naphthalene	Not detected	300		ug/kg	64.2	91-20-3	
2-Methylnaphthalene	Not detected	100		ug/kg	64.2	91-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S73243.02

Sample Tag: SB-17 0.5-1

Collected Date/Time: 04/07/2025 10:41

Matrix: Soil

COC Reference: 177512

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40mL Glass	MeOH	Yes	4.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3050B	04/10/25 14:05	JRH	
Extraction, PCB*	Completed	SW3546	04/14/25 12:30	DJS	
PNA Extraction*	Completed	SW3546	04/14/25 14:06	DJS	
Sample wt. (g) / Methanol (ml)*	10.431/10	SW5035A	04/09/25 12:09	ACK	
Mercury Digestion	Completed	SW7471B	04/10/25 11:35	CTV	

Inorganics

Method: SM2540B, Run Date: 04/09/25 11:49, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Total Solids*	87	1		%	1		

Metals

Method: SW6020A, Run Date: 04/10/25 15:12, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	6,690	200		ug/kg	264	7440-38-2	
Barium	36,500	1,000		ug/kg	264	7440-39-3	
Cadmium	580	200		ug/kg	264	7440-43-9	
Chromium	7,230	500		ug/kg	264	7440-47-3	
Copper	16,500	500		ug/kg	264	7440-50-8	
Lead	49,000	300		ug/kg	264	7439-92-1	
Selenium	Not detected	400		ug/kg	264	7782-49-2	
Silver	Not detected	200		ug/kg	264	7440-22-4	
Zinc	283,000	500		ug/kg	264	7440-66-6	

Method: SW7471B, Run Date: 04/10/25 15:15, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Mercury	Not detected	50		ug/kg	65	7439-97-6	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 04/15/25 12:59, Analyst: ELR

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PCB-1016	Not detected	330		ug/kg	5	12674-11-2	
PCB-1242	Not detected	330		ug/kg	5	53469-21-9	
PCB-1221	Not detected	330		ug/kg	5	11104-28-2	
PCB-1232	Not detected	330		ug/kg	5	11141-16-5	
PCB-1248	Not detected	330		ug/kg	5	12672-29-6	
PCB-1254	Not detected	330		ug/kg	5	11097-69-1	
PCB-1260	Not detected	330		ug/kg	5	11096-82-5	



Analytical Laboratory Report

Lab Sample ID: S73243.02 (continued)

Sample Tag: SB-17 0.5-1

Organics - Semi-Volatiles

Polynuclear Aromatics, Method: SW8270D, Run Date: 04/15/25 04:45, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acenaphthene	Not detected	300		ug/kg	10	83-32-9	
Acenaphthylene	Not detected	300		ug/kg	10	208-96-8	
Anthracene	Not detected	300		ug/kg	10	120-12-7	
Benzo(a)anthracene	500	300		ug/kg	10	56-55-3	
Benzo(a)pyrene	500	300		ug/kg	10	50-32-8	
Benzo(b)fluoranthene	1,400	300		ug/kg	10	205-99-2	p
Benzo(k)fluoranthene	1,100	300		ug/kg	10	207-08-9	p
Benzo(ghi)perylene	Not detected	300		ug/kg	10	191-24-2	
Chrysene	600	300		ug/kg	10	218-01-9	
Dibenzo(ah)anthracene	Not detected	300		ug/kg	10	53-70-3	
Fluoranthene	1,200	300		ug/kg	10	206-44-0	
Fluorene	Not detected	300		ug/kg	10	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	300		ug/kg	10	193-39-5	
Naphthalene	Not detected	300		ug/kg	10	91-20-3	
Phenanthrene	600	300		ug/kg	10	85-01-8	
Pyrene	900	300		ug/kg	10	129-00-0	
2-Methylnaphthalene	Not detected	300		ug/kg	10	91-57-6	
1-Methylnaphthalene	Not detected	300		ug/kg	10	90-12-0	

Organics - Volatiles

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 21:43, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	300		ug/kg	62.6	60-29-7	
Acetone	Not detected	1,000		ug/kg	62.6	67-64-1	
Methyl iodide	Not detected	100		ug/kg	62.6	74-88-4	
Carbon disulfide	Not detected	300		ug/kg	62.6	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	300		ug/kg	62.6	1634-04-4	
Acrylonitrile	Not detected	100		ug/kg	62.6	107-13-1	
2-Butanone (MEK)	Not detected	940		ug/kg	62.6	78-93-3	
Dichlorodifluoromethane	Not detected	300		ug/kg	62.6	75-71-8	
Chloromethane	Not detected	300		ug/kg	62.6	74-87-3	
Vinyl chloride	Not detected	60		ug/kg	62.6	75-01-4	
Bromomethane	Not detected	300		ug/kg	62.6	74-83-9	
Chloroethane	Not detected	300		ug/kg	62.6	75-00-3	
Trichlorofluoromethane	Not detected	100		ug/kg	62.6	75-69-4	
1,1-Dichloroethene	Not detected	60		ug/kg	62.6	75-35-4	
Methylene chloride	Not detected	100		ug/kg	62.6	75-09-2	
trans-1,2-Dichloroethene	Not detected	60		ug/kg	62.6	156-60-5	
1,1-Dichloroethane	Not detected	60		ug/kg	62.6	75-34-3	
cis-1,2-Dichloroethene	Not detected	60		ug/kg	62.6	156-59-2	
Tetrahydrofuran	Not detected	1,000		ug/kg	62.6	109-99-9	
Chloroform	Not detected	60		ug/kg	62.6	67-66-3	
Bromochloromethane	Not detected	100		ug/kg	62.6	74-97-5	
1,1,1-Trichloroethane	Not detected	60		ug/kg	62.6	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	3,000		ug/kg	62.6	108-10-1	
2-Hexanone	Not detected	3,000		ug/kg	62.6	591-78-6	
Carbon tetrachloride	Not detected	60		ug/kg	62.6	56-23-5	
Benzene	Not detected	60		ug/kg	62.6	71-43-2	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.



Analytical Laboratory Report

Lab Sample ID: S73243.02 (continued)

Sample Tag: SB-17 0.5-1

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 21:43, Analyst: KAG (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2-Dichloroethane	Not detected	60		ug/kg	62.6	107-06-2	
Trichloroethene	Not detected	60		ug/kg	62.6	79-01-6	
1,2-Dichloropropane	Not detected	60		ug/kg	62.6	78-87-5	
Bromodichloromethane	Not detected	100		ug/kg	62.6	75-27-4	
Dibromomethane	Not detected	300		ug/kg	62.6	74-95-3	
cis-1,3-Dichloropropene	Not detected	60		ug/kg	62.6	10061-01-5	
Toluene	Not detected	60		ug/kg	62.6	108-88-3	
trans-1,3-Dichloropropene	Not detected	60		ug/kg	62.6	10061-02-6	
1,1,2-Trichloroethane	Not detected	60		ug/kg	62.6	79-00-5	
Tetrachloroethene	Not detected	60		ug/kg	62.6	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	60		ug/kg	62.6	110-57-6	
Dibromochloromethane	Not detected	100		ug/kg	62.6	124-48-1	
1,2-Dibromoethane	Not detected	30		ug/kg	62.6	106-93-4	M
Chlorobenzene	Not detected	60		ug/kg	62.6	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	100		ug/kg	62.6	630-20-6	
Ethylbenzene	Not detected	60		ug/kg	62.6	100-41-4	
p,m-Xylene	Not detected	100		ug/kg	62.6		
o-Xylene	Not detected	60		ug/kg	62.6	95-47-6	
Styrene	Not detected	60		ug/kg	62.6	100-42-5	
Isopropylbenzene	Not detected	300		ug/kg	62.6	98-82-8	
Bromoform	Not detected	100		ug/kg	62.6	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	60		ug/kg	62.6	79-34-5	
1,2,3-Trichloropropane	Not detected	100		ug/kg	62.6	96-18-4	
n-Propylbenzene	Not detected	60		ug/kg	62.6	103-65-1	
Bromobenzene	Not detected	100		ug/kg	62.6	108-86-1	
1,3,5-Trimethylbenzene	Not detected	60		ug/kg	62.6	108-67-8	
tert-Butylbenzene	Not detected	60		ug/kg	62.6	98-06-6	
1,2,4-Trimethylbenzene	Not detected	60		ug/kg	62.6	95-63-6	
sec-Butylbenzene	Not detected	60		ug/kg	62.6	135-98-8	
p-Isopropyltoluene	Not detected	100		ug/kg	62.6	99-87-6	
1,3-Dichlorobenzene	Not detected	100		ug/kg	62.6	541-73-1	
1,4-Dichlorobenzene	Not detected	100		ug/kg	62.6	106-46-7	
1,2-Dichlorobenzene	Not detected	100		ug/kg	62.6	95-50-1	
1,2,3-Trimethylbenzene	Not detected	60		ug/kg	62.6	526-73-8	
n-Butylbenzene	Not detected	60		ug/kg	62.6	104-51-8	
Hexachloroethane	Not detected	400		ug/kg	62.6	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	300		ug/kg	62.6	96-12-8	
1,2,4-Trichlorobenzene	Not detected	410		ug/kg	62.6	120-82-1	
1,2,3-Trichlorobenzene	Not detected	410		ug/kg	62.6	87-61-6	
Naphthalene	Not detected	300		ug/kg	62.6	91-20-3	
2-Methylnaphthalene	Not detected	100		ug/kg	62.6	91-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S73243.03

Sample Tag: SB-18 0.5-1

Collected Date/Time: 04/07/2025 10:49

Matrix: Soil

COC Reference: 177512

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40mL Glass	MeOH	Yes	4.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3050B	04/10/25 14:05	JRH	
Extraction, PCB*	Completed	SW3546	04/14/25 12:30	DJS	
PNA Extraction*	Completed	SW3546	04/14/25 14:06	DJS	
Sample wt. (g) / Methanol (ml)*	10.923/10	SW5035A	04/09/25 12:09	ACK	
Mercury Digestion	Completed	SW7471B	04/10/25 11:35	CTV	

Inorganics

Method: SM2540B, Run Date: 04/09/25 11:49, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Total Solids*	90	1		%	1		

Metals

Method: SW6020A, Run Date: 04/10/25 15:15, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	5,430	200		ug/kg	261	7440-38-2	
Barium	24,800	1,000		ug/kg	261	7440-39-3	
Cadmium	Not detected	200		ug/kg	261	7440-43-9	
Chromium	4,710	500		ug/kg	261	7440-47-3	
Copper	9,070	500		ug/kg	261	7440-50-8	
Lead	17,600	300		ug/kg	261	7439-92-1	
Selenium	Not detected	400		ug/kg	261	7782-49-2	
Silver	Not detected	200		ug/kg	261	7440-22-4	
Zinc	42,700	500		ug/kg	261	7440-66-6	

Method: SW7471B, Run Date: 04/10/25 15:18, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Mercury	Not detected	50		ug/kg	66	7439-97-6	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 04/15/25 13:13, Analyst: ELR

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PCB-1016	Not detected	330		ug/kg	5	12674-11-2	
PCB-1242	Not detected	330		ug/kg	5	53469-21-9	
PCB-1221	Not detected	330		ug/kg	5	11104-28-2	
PCB-1232	Not detected	330		ug/kg	5	11141-16-5	
PCB-1248	Not detected	330		ug/kg	5	12672-29-6	
PCB-1254	Not detected	330		ug/kg	5	11097-69-1	
PCB-1260	Not detected	330		ug/kg	5	11096-82-5	



Analytical Laboratory Report

Lab Sample ID: S73243.03 (continued)

Sample Tag: SB-18 0.5-1

Organics - Semi-Volatiles

Polynuclear Aromatics, Method: SW8270D, Run Date: 04/16/25 01:06, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acenaphthene	300	300		ug/kg	10	83-32-9	
Acenaphthylene	Not detected	300		ug/kg	10	208-96-8	
Anthracene	1,000	300		ug/kg	10	120-12-7	
Benzo(a)anthracene	3,100	300		ug/kg	10	56-55-3	
Benzo(a)pyrene	2,800	300		ug/kg	10	50-32-8	
Benzo(b)fluoranthene	5,100	300		ug/kg	10	205-99-2	p
Benzo(k)fluoranthene	5,200	300		ug/kg	10	207-08-9	p
Benzo(ghi)perylene	1,800	300		ug/kg	10	191-24-2	
Chrysene	3,300	300		ug/kg	10	218-01-9	
Dibenzo(ah)anthracene	700	300		ug/kg	10	53-70-3	
Fluoranthene	7,700	300		ug/kg	10	206-44-0	
Fluorene	300	300		ug/kg	10	86-73-7	
Indeno(1,2,3-cd)pyrene	1,700	300		ug/kg	10	193-39-5	
Naphthalene	Not detected	300		ug/kg	10	91-20-3	
Phenanthrene	3,500	300		ug/kg	10	85-01-8	
Pyrene	4,600	300		ug/kg	10	129-00-0	
2-Methylnaphthalene	Not detected	300		ug/kg	10	91-57-6	
1-Methylnaphthalene	Not detected	300		ug/kg	10	90-12-0	

Organics - Volatiles

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 22:07, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	200		ug/kg	56.4	60-29-7	
Acetone	Not detected	1,000		ug/kg	56.4	67-64-1	
Methyl iodide	Not detected	100		ug/kg	56.4	74-88-4	
Carbon disulfide	Not detected	300		ug/kg	56.4	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	200		ug/kg	56.4	1634-04-4	
Acrylonitrile	Not detected	100		ug/kg	56.4	107-13-1	
2-Butanone (MEK)	Not detected	850		ug/kg	56.4	78-93-3	
Dichlorodifluoromethane	Not detected	300		ug/kg	56.4	75-71-8	
Chloromethane	Not detected	300		ug/kg	56.4	74-87-3	
Vinyl chloride	Not detected	60		ug/kg	56.4	75-01-4	
Bromomethane	Not detected	200		ug/kg	56.4	74-83-9	
Chloroethane	Not detected	300		ug/kg	56.4	75-00-3	
Trichlorofluoromethane	Not detected	100		ug/kg	56.4	75-69-4	
1,1-Dichloroethene	Not detected	60		ug/kg	56.4	75-35-4	
Methylene chloride	Not detected	100		ug/kg	56.4	75-09-2	
trans-1,2-Dichloroethene	Not detected	60		ug/kg	56.4	156-60-5	
1,1-Dichloroethane	Not detected	60		ug/kg	56.4	75-34-3	
cis-1,2-Dichloroethene	Not detected	60		ug/kg	56.4	156-59-2	
Tetrahydrofuran	Not detected	1,000		ug/kg	56.4	109-99-9	
Chloroform	Not detected	60		ug/kg	56.4	67-66-3	
Bromochloromethane	Not detected	100		ug/kg	56.4	74-97-5	
1,1,1-Trichloroethane	Not detected	60		ug/kg	56.4	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	3,000		ug/kg	56.4	108-10-1	
2-Hexanone	Not detected	3,000		ug/kg	56.4	591-78-6	
Carbon tetrachloride	Not detected	60		ug/kg	56.4	56-23-5	
Benzene	Not detected	60		ug/kg	56.4	71-43-2	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.



Analytical Laboratory Report

Lab Sample ID: S73243.03 (continued)

Sample Tag: SB-18 0.5-1

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 22:07, Analyst: KAG (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2-Dichloroethane	Not detected	60		ug/kg	56.4	107-06-2	
Trichloroethene	Not detected	60		ug/kg	56.4	79-01-6	
1,2-Dichloropropane	Not detected	60		ug/kg	56.4	78-87-5	
Bromodichloromethane	Not detected	100		ug/kg	56.4	75-27-4	
Dibromomethane	Not detected	300		ug/kg	56.4	74-95-3	
cis-1,3-Dichloropropene	Not detected	60		ug/kg	56.4	10061-01-5	
Toluene	Not detected	60		ug/kg	56.4	108-88-3	
trans-1,3-Dichloropropene	Not detected	60		ug/kg	56.4	10061-02-6	
1,1,2-Trichloroethane	Not detected	60		ug/kg	56.4	79-00-5	
Tetrachloroethene	Not detected	60		ug/kg	56.4	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	60		ug/kg	56.4	110-57-6	
Dibromochloromethane	Not detected	100		ug/kg	56.4	124-48-1	
1,2-Dibromoethane	Not detected	20		ug/kg	56.4	106-93-4	M
Chlorobenzene	Not detected	60		ug/kg	56.4	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	100		ug/kg	56.4	630-20-6	
Ethylbenzene	Not detected	60		ug/kg	56.4	100-41-4	
p,m-Xylene	Not detected	100		ug/kg	56.4		
o-Xylene	Not detected	60		ug/kg	56.4	95-47-6	
Styrene	Not detected	60		ug/kg	56.4	100-42-5	
Isopropylbenzene	Not detected	300		ug/kg	56.4	98-82-8	
Bromoform	Not detected	100		ug/kg	56.4	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	60		ug/kg	56.4	79-34-5	
1,2,3-Trichloropropane	Not detected	100		ug/kg	56.4	96-18-4	
n-Propylbenzene	Not detected	60		ug/kg	56.4	103-65-1	
Bromobenzene	Not detected	100		ug/kg	56.4	108-86-1	
1,3,5-Trimethylbenzene	Not detected	60		ug/kg	56.4	108-67-8	
tert-Butylbenzene	Not detected	60		ug/kg	56.4	98-06-6	
1,2,4-Trimethylbenzene	Not detected	60		ug/kg	56.4	95-63-6	
sec-Butylbenzene	Not detected	60		ug/kg	56.4	135-98-8	
p-Isopropyltoluene	Not detected	100		ug/kg	56.4	99-87-6	
1,3-Dichlorobenzene	Not detected	100		ug/kg	56.4	541-73-1	
1,4-Dichlorobenzene	Not detected	100		ug/kg	56.4	106-46-7	
1,2-Dichlorobenzene	Not detected	100		ug/kg	56.4	95-50-1	
1,2,3-Trimethylbenzene	Not detected	60		ug/kg	56.4	526-73-8	
n-Butylbenzene	Not detected	60		ug/kg	56.4	104-51-8	
Hexachloroethane	Not detected	300		ug/kg	56.4	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	300		ug/kg	56.4	96-12-8	
1,2,4-Trichlorobenzene	Not detected	370		ug/kg	56.4	120-82-1	
1,2,3-Trichlorobenzene	Not detected	370		ug/kg	56.4	87-61-6	
Naphthalene	Not detected	300		ug/kg	56.4	91-20-3	
2-Methylnaphthalene	Not detected	100		ug/kg	56.4	91-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S73243.04

Sample Tag: SB-19 0.5-1

Collected Date/Time: 04/07/2025 10:58

Matrix: Soil

COC Reference: 177512

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40mL Glass	MeOH	Yes	4.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3050B	04/10/25 14:05	JRH	
Extraction, PCB*	Completed	SW3546	04/14/25 12:30	DJS	
PNA Extraction*	Completed	SW3546	04/14/25 14:06	DJS	
Sample wt. (g) / Methanol (ml)*	10.624/10	SW5035A	04/09/25 12:09	ACK	
Mercury Digestion	Completed	SW7471B	04/10/25 11:35	CTV	

Inorganics

Method: SM2540B, Run Date: 04/09/25 11:49, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Total Solids*	88	1		%	1		

Metals

Method: SW6020A, Run Date: 04/10/25 15:17, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	5,080	200		ug/kg	240	7440-38-2	
Barium	23,400	1,000		ug/kg	240	7440-39-3	
Cadmium	Not detected	200		ug/kg	240	7440-43-9	
Chromium	6,380	500		ug/kg	240	7440-47-3	
Copper	7,680	500		ug/kg	240	7440-50-8	
Lead	12,000	300		ug/kg	240	7439-92-1	
Selenium	Not detected	400		ug/kg	240	7782-49-2	
Silver	Not detected	200		ug/kg	240	7440-22-4	
Zinc	34,100	500		ug/kg	240	7440-66-6	

Method: SW7471B, Run Date: 04/10/25 15:21, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Mercury	Not detected	50		ug/kg	62	7439-97-6	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 04/15/25 13:26, Analyst: ELR

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PCB-1016	Not detected	330		ug/kg	5	12674-11-2	
PCB-1242	Not detected	330		ug/kg	5	53469-21-9	
PCB-1221	Not detected	330		ug/kg	5	11104-28-2	
PCB-1232	Not detected	330		ug/kg	5	11141-16-5	
PCB-1248	Not detected	330		ug/kg	5	12672-29-6	
PCB-1254	Not detected	330		ug/kg	5	11097-69-1	
PCB-1260	Not detected	330		ug/kg	5	11096-82-5	



Analytical Laboratory Report

Lab Sample ID: S73243.04 (continued)

Sample Tag: SB-19 0.5-1

Organics - Semi-Volatiles

Polynuclear Aromatics, Method: SW8270D, Run Date: 04/14/25 23:55, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acenaphthene	Not detected	300		ug/kg	10	83-32-9	
Acenaphthylene	Not detected	300		ug/kg	10	208-96-8	
Anthracene	Not detected	300		ug/kg	10	120-12-7	
Benzo(a)anthracene	Not detected	300		ug/kg	10	56-55-3	
Benzo(a)pyrene	Not detected	300		ug/kg	10	50-32-8	
Benzo(b)fluoranthene	Not detected	300		ug/kg	10	205-99-2	
Benzo(k)fluoranthene	Not detected	300		ug/kg	10	207-08-9	
Benzo(ghi)perylene	Not detected	300		ug/kg	10	191-24-2	
Chrysene	Not detected	300		ug/kg	10	218-01-9	
Dibenzo(ah)anthracene	Not detected	300		ug/kg	10	53-70-3	
Fluoranthene	Not detected	300		ug/kg	10	206-44-0	
Fluorene	Not detected	300		ug/kg	10	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	300		ug/kg	10	193-39-5	
Naphthalene	Not detected	300		ug/kg	10	91-20-3	
Phenanthrene	Not detected	300		ug/kg	10	85-01-8	
Pyrene	Not detected	300		ug/kg	10	129-00-0	
2-Methylnaphthalene	Not detected	300		ug/kg	10	91-57-6	
1-Methylnaphthalene	Not detected	300		ug/kg	10	90-12-0	

Organics - Volatiles

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 22:31, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	200		ug/kg	60.3	60-29-7	
Acetone	Not detected	1,000		ug/kg	60.3	67-64-1	
Methyl iodide	Not detected	100		ug/kg	60.3	74-88-4	
Carbon disulfide	Not detected	300		ug/kg	60.3	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	200		ug/kg	60.3	1634-04-4	
Acrylonitrile	Not detected	100		ug/kg	60.3	107-13-1	
2-Butanone (MEK)	Not detected	900		ug/kg	60.3	78-93-3	
Dichlorodifluoromethane	Not detected	300		ug/kg	60.3	75-71-8	
Chloromethane	Not detected	300		ug/kg	60.3	74-87-3	
Vinyl chloride	Not detected	60		ug/kg	60.3	75-01-4	
Bromomethane	Not detected	200		ug/kg	60.3	74-83-9	
Chloroethane	Not detected	300		ug/kg	60.3	75-00-3	
Trichlorofluoromethane	Not detected	100		ug/kg	60.3	75-69-4	
1,1-Dichloroethene	Not detected	60		ug/kg	60.3	75-35-4	
Methylene chloride	Not detected	100		ug/kg	60.3	75-09-2	
trans-1,2-Dichloroethene	Not detected	60		ug/kg	60.3	156-60-5	
1,1-Dichloroethane	Not detected	60		ug/kg	60.3	75-34-3	
cis-1,2-Dichloroethene	Not detected	60		ug/kg	60.3	156-59-2	
Tetrahydrofuran	Not detected	1,000		ug/kg	60.3	109-99-9	
Chloroform	Not detected	60		ug/kg	60.3	67-66-3	
Bromochloromethane	Not detected	100		ug/kg	60.3	74-97-5	
1,1,1-Trichloroethane	Not detected	60		ug/kg	60.3	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	3,000		ug/kg	60.3	108-10-1	
2-Hexanone	Not detected	3,000		ug/kg	60.3	591-78-6	
Carbon tetrachloride	Not detected	60		ug/kg	60.3	56-23-5	
Benzene	Not detected	60		ug/kg	60.3	71-43-2	
1,2-Dichloroethane	Not detected	60		ug/kg	60.3	107-06-2	



Analytical Laboratory Report

Lab Sample ID: S73243.04 (continued)

Sample Tag: SB-19 0.5-1

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 22:31, Analyst: KAG (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Trichloroethene	Not detected	60		ug/kg	60.3	79-01-6	
1,2-Dichloropropane	Not detected	60		ug/kg	60.3	78-87-5	
Bromodichloromethane	Not detected	100		ug/kg	60.3	75-27-4	
Dibromomethane	Not detected	300		ug/kg	60.3	74-95-3	
cis-1,3-Dichloropropene	Not detected	60		ug/kg	60.3	10061-01-5	
Toluene	Not detected	60		ug/kg	60.3	108-88-3	
trans-1,3-Dichloropropene	Not detected	60		ug/kg	60.3	10061-02-6	
1,1,2-Trichloroethane	Not detected	60		ug/kg	60.3	79-00-5	
Tetrachloroethene	Not detected	60		ug/kg	60.3	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	60		ug/kg	60.3	110-57-6	
Dibromochloromethane	Not detected	100		ug/kg	60.3	124-48-1	
1,2-Dibromoethane	Not detected	20		ug/kg	60.3	106-93-4	M
Chlorobenzene	Not detected	60		ug/kg	60.3	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	100		ug/kg	60.3	630-20-6	
Ethylbenzene	Not detected	60		ug/kg	60.3	100-41-4	
p,m-Xylene	Not detected	100		ug/kg	60.3		
o-Xylene	Not detected	60		ug/kg	60.3	95-47-6	
Styrene	Not detected	60		ug/kg	60.3	100-42-5	
Isopropylbenzene	Not detected	300		ug/kg	60.3	98-82-8	
Bromoform	Not detected	100		ug/kg	60.3	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	60		ug/kg	60.3	79-34-5	
1,2,3-Trichloropropane	Not detected	100		ug/kg	60.3	96-18-4	
n-Propylbenzene	Not detected	60		ug/kg	60.3	103-65-1	
Bromobenzene	Not detected	100		ug/kg	60.3	108-86-1	
1,3,5-Trimethylbenzene	Not detected	60		ug/kg	60.3	108-67-8	
tert-Butylbenzene	Not detected	60		ug/kg	60.3	98-06-6	
1,2,4-Trimethylbenzene	Not detected	60		ug/kg	60.3	95-63-6	
sec-Butylbenzene	Not detected	60		ug/kg	60.3	135-98-8	
p-Isopropyltoluene	Not detected	100		ug/kg	60.3	99-87-6	
1,3-Dichlorobenzene	Not detected	100		ug/kg	60.3	541-73-1	
1,4-Dichlorobenzene	Not detected	100		ug/kg	60.3	106-46-7	
1,2-Dichlorobenzene	Not detected	100		ug/kg	60.3	95-50-1	
1,2,3-Trimethylbenzene	Not detected	60		ug/kg	60.3	526-73-8	
n-Butylbenzene	Not detected	60		ug/kg	60.3	104-51-8	
Hexachloroethane	Not detected	400		ug/kg	60.3	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	300		ug/kg	60.3	96-12-8	
1,2,4-Trichlorobenzene	Not detected	400		ug/kg	60.3	120-82-1	
1,2,3-Trichlorobenzene	Not detected	400		ug/kg	60.3	87-61-6	
Naphthalene	Not detected	300		ug/kg	60.3	91-20-3	
2-Methylnaphthalene	Not detected	100		ug/kg	60.3	91-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S73243.05

Sample Tag: SB-20 0.5-1

Collected Date/Time: 04/07/2025 11:05

Matrix: Soil

COC Reference: 177512

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40mL Glass	MeOH	Yes	4.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3050B	04/10/25 14:05	JRH	
Extraction, PCB*	Completed	SW3546	04/14/25 12:30	DJS	
PNA Extraction*	Completed	SW3546	04/14/25 14:06	DJS	
Sample wt. (g) / Methanol (ml)*	10.706/10	SW5035A	04/09/25 12:09	ACK	
Mercury Digestion	Completed	SW7471B	04/10/25 11:35	CTV	

Inorganics

Method: SM2540B, Run Date: 04/09/25 11:49, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Total Solids*	84	1		%	1		

Metals

Method: SW6020A, Run Date: 04/10/25 15:20, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	6,040	200		ug/kg	263	7440-38-2	
Barium	48,300	1,000		ug/kg	263	7440-39-3	
Cadmium	330	200		ug/kg	263	7440-43-9	
Chromium	9,130	500		ug/kg	263	7440-47-3	
Copper	14,600	500		ug/kg	263	7440-50-8	
Lead	36,500	300		ug/kg	263	7439-92-1	
Selenium	Not detected	400		ug/kg	263	7782-49-2	
Silver	Not detected	200		ug/kg	263	7440-22-4	
Zinc	59,100	500		ug/kg	263	7440-66-6	

Method: SW7471B, Run Date: 04/10/25 15:24, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Mercury	Not detected	50		ug/kg	71	7439-97-6	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 04/15/25 13:39, Analyst: ELR

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PCB-1016	Not detected	330		ug/kg	5	12674-11-2	
PCB-1242	Not detected	330		ug/kg	5	53469-21-9	
PCB-1221	Not detected	330		ug/kg	5	11104-28-2	
PCB-1232	Not detected	330		ug/kg	5	11141-16-5	
PCB-1248	Not detected	330		ug/kg	5	12672-29-6	
PCB-1254	Not detected	330		ug/kg	5	11097-69-1	
PCB-1260	Not detected	330		ug/kg	5	11096-82-5	



Analytical Laboratory Report

Lab Sample ID: S73243.05 (continued)

Sample Tag: SB-20 0.5-1

Organics - Semi-Volatiles

Polynuclear Aromatics, Method: SW8270D, Run Date: 04/15/25 04:52, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acenaphthene	Not detected	300		ug/kg	10	83-32-9	
Acenaphthylene	Not detected	300		ug/kg	10	208-96-8	
Anthracene	700	300		ug/kg	10	120-12-7	
Benzo(a)anthracene	5,900	300		ug/kg	10	56-55-3	
Benzo(a)pyrene	5,900	300		ug/kg	10	50-32-8	
Benzo(b)fluoranthene	12,600	300		ug/kg	10	205-99-2	p
Benzo(k)fluoranthene	12,100	300		ug/kg	10	207-08-9	p
Benzo(ghi)perylene	1,600	300		ug/kg	10	191-24-2	
Chrysene	6,000	300		ug/kg	10	218-01-9	
Dibenzo(ah)anthracene	700	300		ug/kg	10	53-70-3	
Fluoranthene	12,600	300		ug/kg	10	206-44-0	
Fluorene	Not detected	300		ug/kg	10	86-73-7	
Indeno(1,2,3-cd)pyrene	1,800	300		ug/kg	10	193-39-5	
Naphthalene	Not detected	300		ug/kg	10	91-20-3	
Phenanthrene	1,300	300		ug/kg	10	85-01-8	
Pyrene	11,400	300		ug/kg	10	129-00-0	
2-Methylnaphthalene	Not detected	300		ug/kg	10	91-57-6	
1-Methylnaphthalene	Not detected	300		ug/kg	10	90-12-0	

Organics - Volatiles

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 22:55, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	300		ug/kg	65.1	60-29-7	
Acetone	Not detected	1,000		ug/kg	65.1	67-64-1	
Methyl iodide	Not detected	100		ug/kg	65.1	74-88-4	
Carbon disulfide	Not detected	300		ug/kg	65.1	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	300		ug/kg	65.1	1634-04-4	
Acrylonitrile	Not detected	100		ug/kg	65.1	107-13-1	
2-Butanone (MEK)	Not detected	980		ug/kg	65.1	78-93-3	
Dichlorodifluoromethane	Not detected	300		ug/kg	65.1	75-71-8	
Chloromethane	Not detected	300		ug/kg	65.1	74-87-3	
Vinyl chloride	Not detected	70		ug/kg	65.1	75-01-4	
Bromomethane	Not detected	300		ug/kg	65.1	74-83-9	
Chloroethane	Not detected	300		ug/kg	65.1	75-00-3	
Trichlorofluoromethane	Not detected	100		ug/kg	65.1	75-69-4	
1,1-Dichloroethene	Not detected	70		ug/kg	65.1	75-35-4	
Methylene chloride	Not detected	100		ug/kg	65.1	75-09-2	
trans-1,2-Dichloroethene	Not detected	70		ug/kg	65.1	156-60-5	
1,1-Dichloroethane	Not detected	70		ug/kg	65.1	75-34-3	
cis-1,2-Dichloroethene	Not detected	70		ug/kg	65.1	156-59-2	
Tetrahydrofuran	Not detected	1,000		ug/kg	65.1	109-99-9	
Chloroform	Not detected	70		ug/kg	65.1	67-66-3	
Bromochloromethane	Not detected	100		ug/kg	65.1	74-97-5	
1,1,1-Trichloroethane	Not detected	70		ug/kg	65.1	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	3,000		ug/kg	65.1	108-10-1	
2-Hexanone	Not detected	3,000		ug/kg	65.1	591-78-6	
Carbon tetrachloride	Not detected	70		ug/kg	65.1	56-23-5	
Benzene	Not detected	70		ug/kg	65.1	71-43-2	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.



Analytical Laboratory Report

Lab Sample ID: S73243.05 (continued)

Sample Tag: SB-20 0.5-1

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 22:55, Analyst: KAG (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2-Dichloroethane	Not detected	70		ug/kg	65.1	107-06-2	
Trichloroethene	Not detected	70		ug/kg	65.1	79-01-6	
1,2-Dichloropropane	Not detected	70		ug/kg	65.1	78-87-5	
Bromodichloromethane	Not detected	100		ug/kg	65.1	75-27-4	
Dibromomethane	Not detected	300		ug/kg	65.1	74-95-3	
cis-1,3-Dichloropropene	Not detected	70		ug/kg	65.1	10061-01-5	
Toluene	Not detected	70		ug/kg	65.1	108-88-3	
trans-1,3-Dichloropropene	Not detected	70		ug/kg	65.1	10061-02-6	
1,1,2-Trichloroethane	Not detected	70		ug/kg	65.1	79-00-5	
Tetrachloroethene	Not detected	70		ug/kg	65.1	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	70		ug/kg	65.1	110-57-6	
Dibromochloromethane	Not detected	100		ug/kg	65.1	124-48-1	
1,2-Dibromoethane	Not detected	30		ug/kg	65.1	106-93-4	M
Chlorobenzene	Not detected	70		ug/kg	65.1	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	100		ug/kg	65.1	630-20-6	
Ethylbenzene	Not detected	70		ug/kg	65.1	100-41-4	
p,m-Xylene	Not detected	100		ug/kg	65.1		
o-Xylene	Not detected	70		ug/kg	65.1	95-47-6	
Styrene	Not detected	70		ug/kg	65.1	100-42-5	
Isopropylbenzene	Not detected	300		ug/kg	65.1	98-82-8	
Bromoform	Not detected	100		ug/kg	65.1	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	70		ug/kg	65.1	79-34-5	
1,2,3-Trichloropropane	Not detected	100		ug/kg	65.1	96-18-4	
n-Propylbenzene	Not detected	70		ug/kg	65.1	103-65-1	
Bromobenzene	Not detected	100		ug/kg	65.1	108-86-1	
1,3,5-Trimethylbenzene	Not detected	70		ug/kg	65.1	108-67-8	
tert-Butylbenzene	Not detected	70		ug/kg	65.1	98-06-6	
1,2,4-Trimethylbenzene	Not detected	70		ug/kg	65.1	95-63-6	
sec-Butylbenzene	Not detected	70		ug/kg	65.1	135-98-8	
p-Isopropyltoluene	Not detected	100		ug/kg	65.1	99-87-6	
1,3-Dichlorobenzene	Not detected	100		ug/kg	65.1	541-73-1	
1,4-Dichlorobenzene	Not detected	100		ug/kg	65.1	106-46-7	
1,2-Dichlorobenzene	Not detected	100		ug/kg	65.1	95-50-1	
1,2,3-Trimethylbenzene	Not detected	70		ug/kg	65.1	526-73-8	
n-Butylbenzene	Not detected	70		ug/kg	65.1	104-51-8	
Hexachloroethane	Not detected	400		ug/kg	65.1	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	300		ug/kg	65.1	96-12-8	
1,2,4-Trichlorobenzene	Not detected	430		ug/kg	65.1	120-82-1	
1,2,3-Trichlorobenzene	Not detected	430		ug/kg	65.1	87-61-6	
Naphthalene	Not detected	300		ug/kg	65.1	91-20-3	
2-Methylnaphthalene	Not detected	100		ug/kg	65.1	91-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S73243.06

Sample Tag: SB-21 0.5-1

Collected Date/Time: 04/07/2025 11:14

Matrix: Soil

COC Reference: 177512

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40mL Glass	MeOH	Yes	4.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3050B	04/10/25 14:05	JRH	
Extraction, PCB*	Completed	SW3546	04/14/25 12:30	DJS	
PNA Extraction*	Completed	SW3546	04/14/25 14:06	DJS	
Sample wt. (g) / Methanol (ml)*	10.542/10	SW5035A	04/09/25 12:09	ACK	
Mercury Digestion	Completed	SW7471B	04/10/25 11:35	CTV	

Inorganics

Method: SM2540B, Run Date: 04/09/25 11:49, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Total Solids*	87	1		%	1		

Metals

Method: SW6020A, Run Date: 04/10/25 15:22, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	4,280	200		ug/kg	246	7440-38-2	
Barium	46,200	1,000		ug/kg	246	7440-39-3	
Cadmium	240	200		ug/kg	246	7440-43-9	
Chromium	9,350	500		ug/kg	246	7440-47-3	
Copper	11,700	500		ug/kg	246	7440-50-8	
Lead	18,700	300		ug/kg	246	7439-92-1	
Selenium	Not detected	400		ug/kg	246	7782-49-2	
Silver	Not detected	200		ug/kg	246	7440-22-4	
Zinc	44,100	500		ug/kg	246	7440-66-6	

Method: SW7471B, Run Date: 04/10/25 15:28, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Mercury	Not detected	50		ug/kg	67	7439-97-6	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 04/15/25 13:53, Analyst: ELR

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PCB-1016	Not detected	330		ug/kg	5	12674-11-2	
PCB-1242	Not detected	330		ug/kg	5	53469-21-9	
PCB-1221	Not detected	330		ug/kg	5	11104-28-2	
PCB-1232	Not detected	330		ug/kg	5	11141-16-5	
PCB-1248	Not detected	330		ug/kg	5	12672-29-6	
PCB-1254	Not detected	330		ug/kg	5	11097-69-1	
PCB-1260	Not detected	330		ug/kg	5	11096-82-5	



Analytical Laboratory Report

Lab Sample ID: S73243.06 (continued)

Sample Tag: SB-21 0.5-1

Organics - Semi-Volatiles

Polynuclear Aromatics, Method: SW8270D, Run Date: 04/15/25 00:12, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acenaphthene	Not detected	300		ug/kg	10	83-32-9	
Acenaphthylene	Not detected	300		ug/kg	10	208-96-8	
Anthracene	Not detected	300		ug/kg	10	120-12-7	
Benzo(a)anthracene	400	300		ug/kg	10	56-55-3	
Benzo(a)pyrene	300	300		ug/kg	10	50-32-8	
Benzo(b)fluoranthene	1,000	300		ug/kg	10	205-99-2	p
Benzo(k)fluoranthene	700	300		ug/kg	10	207-08-9	p
Benzo(ghi)perylene	Not detected	300		ug/kg	10	191-24-2	
Chrysene	500	300		ug/kg	10	218-01-9	
Dibenzo(ah)anthracene	Not detected	300		ug/kg	10	53-70-3	
Fluoranthene	1,000	300		ug/kg	10	206-44-0	
Fluorene	Not detected	300		ug/kg	10	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	300		ug/kg	10	193-39-5	
Naphthalene	Not detected	300		ug/kg	10	91-20-3	
Phenanthrene	600	300		ug/kg	10	85-01-8	
Pyrene	700	300		ug/kg	10	129-00-0	
2-Methylnaphthalene	Not detected	300		ug/kg	10	91-57-6	
1-Methylnaphthalene	Not detected	300		ug/kg	10	90-12-0	

Organics - Volatiles

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 23:19, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	200		ug/kg	62	60-29-7	
Acetone	Not detected	1,000		ug/kg	62	67-64-1	
Methyl iodide	Not detected	100		ug/kg	62	74-88-4	
Carbon disulfide	Not detected	300		ug/kg	62	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	200		ug/kg	62	1634-04-4	
Acrylonitrile	Not detected	100		ug/kg	62	107-13-1	
2-Butanone (MEK)	Not detected	930		ug/kg	62	78-93-3	
Dichlorodifluoromethane	Not detected	300		ug/kg	62	75-71-8	
Chloromethane	Not detected	300		ug/kg	62	74-87-3	
Vinyl chloride	Not detected	60		ug/kg	62	75-01-4	
Bromomethane	Not detected	200		ug/kg	62	74-83-9	
Chloroethane	Not detected	300		ug/kg	62	75-00-3	
Trichlorofluoromethane	Not detected	100		ug/kg	62	75-69-4	
1,1-Dichloroethene	Not detected	60		ug/kg	62	75-35-4	
Methylene chloride	Not detected	100		ug/kg	62	75-09-2	
trans-1,2-Dichloroethene	Not detected	60		ug/kg	62	156-60-5	
1,1-Dichloroethane	Not detected	60		ug/kg	62	75-34-3	
cis-1,2-Dichloroethene	Not detected	60		ug/kg	62	156-59-2	
Tetrahydrofuran	Not detected	1,000		ug/kg	62	109-99-9	
Chloroform	Not detected	60		ug/kg	62	67-66-3	
Bromochloromethane	Not detected	100		ug/kg	62	74-97-5	
1,1,1-Trichloroethane	Not detected	60		ug/kg	62	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	3,000		ug/kg	62	108-10-1	
2-Hexanone	Not detected	3,000		ug/kg	62	591-78-6	
Carbon tetrachloride	Not detected	60		ug/kg	62	56-23-5	
Benzene	Not detected	60		ug/kg	62	71-43-2	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.



Analytical Laboratory Report

Lab Sample ID: S73243.06 (continued)

Sample Tag: SB-21 0.5-1

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/09/25 23:19, Analyst: KAG (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2-Dichloroethane	Not detected	60		ug/kg	62	107-06-2	
Trichloroethene	Not detected	60		ug/kg	62	79-01-6	
1,2-Dichloropropane	Not detected	60		ug/kg	62	78-87-5	
Bromodichloromethane	Not detected	100		ug/kg	62	75-27-4	
Dibromomethane	Not detected	300		ug/kg	62	74-95-3	
cis-1,3-Dichloropropene	Not detected	60		ug/kg	62	10061-01-5	
Toluene	Not detected	60		ug/kg	62	108-88-3	
trans-1,3-Dichloropropene	Not detected	60		ug/kg	62	10061-02-6	
1,1,2-Trichloroethane	Not detected	60		ug/kg	62	79-00-5	
Tetrachloroethene	Not detected	60		ug/kg	62	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	60		ug/kg	62	110-57-6	
Dibromochloromethane	Not detected	100		ug/kg	62	124-48-1	
1,2-Dibromoethane	Not detected	20		ug/kg	62	106-93-4	M
Chlorobenzene	Not detected	60		ug/kg	62	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	100		ug/kg	62	630-20-6	
Ethylbenzene	Not detected	60		ug/kg	62	100-41-4	
p,m-Xylene	Not detected	100		ug/kg	62		
o-Xylene	Not detected	60		ug/kg	62	95-47-6	
Styrene	Not detected	60		ug/kg	62	100-42-5	
Isopropylbenzene	Not detected	300		ug/kg	62	98-82-8	
Bromoform	Not detected	100		ug/kg	62	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	60		ug/kg	62	79-34-5	
1,2,3-Trichloropropane	Not detected	100		ug/kg	62	96-18-4	
n-Propylbenzene	Not detected	60		ug/kg	62	103-65-1	
Bromobenzene	Not detected	100		ug/kg	62	108-86-1	
1,3,5-Trimethylbenzene	Not detected	60		ug/kg	62	108-67-8	
tert-Butylbenzene	Not detected	60		ug/kg	62	98-06-6	
1,2,4-Trimethylbenzene	Not detected	60		ug/kg	62	95-63-6	
sec-Butylbenzene	Not detected	60		ug/kg	62	135-98-8	
p-Isopropyltoluene	Not detected	100		ug/kg	62	99-87-6	
1,3-Dichlorobenzene	Not detected	100		ug/kg	62	541-73-1	
1,4-Dichlorobenzene	Not detected	100		ug/kg	62	106-46-7	
1,2-Dichlorobenzene	Not detected	100		ug/kg	62	95-50-1	
1,2,3-Trimethylbenzene	Not detected	60		ug/kg	62	526-73-8	
n-Butylbenzene	Not detected	60		ug/kg	62	104-51-8	
Hexachloroethane	Not detected	400		ug/kg	62	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	300		ug/kg	62	96-12-8	
1,2,4-Trichlorobenzene	Not detected	410		ug/kg	62	120-82-1	
1,2,3-Trichlorobenzene	Not detected	410		ug/kg	62	87-61-6	
Naphthalene	Not detected	300		ug/kg	62	91-20-3	
2-Methylnaphthalene	Not detected	100		ug/kg	62	91-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S73243.07

Sample Tag: SB-22 0.5-1

Collected Date/Time: 04/07/2025 10:12

Matrix: Soil

COC Reference: 177512

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40mL Glass	MeOH	Yes	4.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3050B	04/10/25 14:05	JRH	
Extraction, PCB*	Completed	SW3546	04/14/25 12:30	DJS	
PNA Extraction*	Completed	SW3546	04/14/25 14:06	DJS	
Sample wt. (g) / Methanol (ml)*	10.137/10	SW5035A	04/09/25 12:09	ACK	
Mercury Digestion	Completed	SW7471B	04/10/25 11:35	CTV	

Inorganics

Method: SM2540B, Run Date: 04/09/25 11:49, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Total Solids*	85	1		%	1		

Metals

Method: SW6020A, Run Date: 04/10/25 15:25, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	7,410	200		ug/kg	271	7440-38-2	
Barium	61,500	1,000		ug/kg	271	7440-39-3	
Cadmium	210	200		ug/kg	271	7440-43-9	
Chromium	11,800	500		ug/kg	271	7440-47-3	
Copper	16,000	500		ug/kg	271	7440-50-8	
Lead	14,200	300		ug/kg	271	7439-92-1	
Selenium	Not detected	400		ug/kg	271	7782-49-2	
Silver	Not detected	200		ug/kg	271	7440-22-4	
Zinc	45,000	500		ug/kg	271	7440-66-6	

Method: SW7471B, Run Date: 04/10/25 15:31, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Mercury	Not detected	50		ug/kg	64	7439-97-6	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 04/15/25 14:06, Analyst: ELR

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PCB-1016	Not detected	330		ug/kg	5	12674-11-2	
PCB-1242	Not detected	330		ug/kg	5	53469-21-9	
PCB-1221	Not detected	330		ug/kg	5	11104-28-2	
PCB-1232	Not detected	330		ug/kg	5	11141-16-5	
PCB-1248	Not detected	330		ug/kg	5	12672-29-6	
PCB-1254	Not detected	330		ug/kg	5	11097-69-1	
PCB-1260	Not detected	330		ug/kg	5	11096-82-5	



Analytical Laboratory Report

Lab Sample ID: S73243.07 (continued)

Sample Tag: SB-22 0.5-1

Organics - Semi-Volatiles

Polynuclear Aromatics, Method: SW8270D, Run Date: 04/15/25 04:29, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acenaphthene	2,900	300		ug/kg	10	83-32-9	
Acenaphthylene	Not detected	300		ug/kg	10	208-96-8	
Anthracene	5,000	300		ug/kg	10	120-12-7	
Benzo(a)anthracene	8,300	300		ug/kg	10	56-55-3	
Benzo(a)pyrene	7,100	300		ug/kg	10	50-32-8	
Benzo(b)fluoranthene	15,100	300		ug/kg	10	205-99-2	p
Benzo(k)fluoranthene	14,600	300		ug/kg	10	207-08-9	p
Benzo(ghi)perylene	2,100	300		ug/kg	10	191-24-2	
Chrysene	8,300	300		ug/kg	10	218-01-9	
Dibenzo(ah)anthracene	1,000	300		ug/kg	10	53-70-3	
Fluoranthene	21,800	300		ug/kg	10	206-44-0	
Fluorene	2,400	300		ug/kg	10	86-73-7	
Indeno(1,2,3-cd)pyrene	2,300	300		ug/kg	10	193-39-5	
Naphthalene	1,300	300		ug/kg	10	91-20-3	
Phenanthrene	18,400	300		ug/kg	10	85-01-8	
Pyrene	16,300	300		ug/kg	10	129-00-0	
2-Methylnaphthalene	500	300		ug/kg	10	91-57-6	
1-Methylnaphthalene	500	300		ug/kg	10	90-12-0	

Organics - Volatiles

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/10/25 06:51, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	300		ug/kg	66.9	60-29-7	
Acetone	Not detected	1,000		ug/kg	66.9	67-64-1	
Methyl iodide	Not detected	100		ug/kg	66.9	74-88-4	
Carbon disulfide	Not detected	300		ug/kg	66.9	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	300		ug/kg	66.9	1634-04-4	
Acrylonitrile	Not detected	100		ug/kg	66.9	107-13-1	
2-Butanone (MEK)	Not detected	1,000		ug/kg	66.9	78-93-3	
Dichlorodifluoromethane	Not detected	300		ug/kg	66.9	75-71-8	
Chloromethane	Not detected	300		ug/kg	66.9	74-87-3	
Vinyl chloride	Not detected	70		ug/kg	66.9	75-01-4	
Bromomethane	Not detected	300		ug/kg	66.9	74-83-9	
Chloroethane	Not detected	300		ug/kg	66.9	75-00-3	
Trichlorofluoromethane	Not detected	100		ug/kg	66.9	75-69-4	
1,1-Dichloroethene	Not detected	70		ug/kg	66.9	75-35-4	
Methylene chloride	Not detected	100		ug/kg	66.9	75-09-2	
trans-1,2-Dichloroethene	Not detected	70		ug/kg	66.9	156-60-5	
1,1-Dichloroethane	Not detected	70		ug/kg	66.9	75-34-3	
cis-1,2-Dichloroethene	Not detected	70		ug/kg	66.9	156-59-2	
Tetrahydrofuran	Not detected	1,000		ug/kg	66.9	109-99-9	
Chloroform	Not detected	70		ug/kg	66.9	67-66-3	
Bromochloromethane	Not detected	100		ug/kg	66.9	74-97-5	
1,1,1-Trichloroethane	Not detected	70		ug/kg	66.9	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	3,000		ug/kg	66.9	108-10-1	
2-Hexanone	Not detected	3,000		ug/kg	66.9	591-78-6	
Carbon tetrachloride	Not detected	70		ug/kg	66.9	56-23-5	
Benzene	Not detected	70		ug/kg	66.9	71-43-2	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.



Analytical Laboratory Report

Lab Sample ID: S73243.07 (continued)

Sample Tag: SB-22 0.5-1

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/10/25 06:51, Analyst: KAG (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2-Dichloroethane	Not detected	70		ug/kg	66.9	107-06-2	
Trichloroethene	Not detected	70		ug/kg	66.9	79-01-6	
1,2-Dichloropropane	Not detected	70		ug/kg	66.9	78-87-5	
Bromodichloromethane	Not detected	100		ug/kg	66.9	75-27-4	
Dibromomethane	Not detected	300		ug/kg	66.9	74-95-3	
cis-1,3-Dichloropropene	Not detected	70		ug/kg	66.9	10061-01-5	
Toluene	Not detected	70		ug/kg	66.9	108-88-3	
trans-1,3-Dichloropropene	Not detected	70		ug/kg	66.9	10061-02-6	
1,1,2-Trichloroethane	Not detected	70		ug/kg	66.9	79-00-5	
Tetrachloroethene	Not detected	70		ug/kg	66.9	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	70		ug/kg	66.9	110-57-6	
Dibromochloromethane	Not detected	100		ug/kg	66.9	124-48-1	
1,2-Dibromoethane	Not detected	30		ug/kg	66.9	106-93-4	M
Chlorobenzene	Not detected	70		ug/kg	66.9	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	100		ug/kg	66.9	630-20-6	
Ethylbenzene	Not detected	70		ug/kg	66.9	100-41-4	
p,m-Xylene	Not detected	100		ug/kg	66.9		
o-Xylene	Not detected	70		ug/kg	66.9	95-47-6	
Styrene	Not detected	70		ug/kg	66.9	100-42-5	
Isopropylbenzene	Not detected	300		ug/kg	66.9	98-82-8	
Bromoform	Not detected	100		ug/kg	66.9	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	70		ug/kg	66.9	79-34-5	
1,2,3-Trichloropropane	Not detected	100		ug/kg	66.9	96-18-4	
n-Propylbenzene	Not detected	70		ug/kg	66.9	103-65-1	
Bromobenzene	Not detected	100		ug/kg	66.9	108-86-1	
1,3,5-Trimethylbenzene	Not detected	70		ug/kg	66.9	108-67-8	
tert-Butylbenzene	Not detected	70		ug/kg	66.9	98-06-6	
1,2,4-Trimethylbenzene	Not detected	70		ug/kg	66.9	95-63-6	
sec-Butylbenzene	Not detected	70		ug/kg	66.9	135-98-8	
p-Isopropyltoluene	Not detected	100		ug/kg	66.9	99-87-6	
1,3-Dichlorobenzene	Not detected	100		ug/kg	66.9	541-73-1	
1,4-Dichlorobenzene	Not detected	100		ug/kg	66.9	106-46-7	
1,2-Dichlorobenzene	Not detected	100		ug/kg	66.9	95-50-1	
1,2,3-Trimethylbenzene	Not detected	70		ug/kg	66.9	526-73-8	
n-Butylbenzene	Not detected	70		ug/kg	66.9	104-51-8	
Hexachloroethane	Not detected	400		ug/kg	66.9	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	300		ug/kg	66.9	96-12-8	
1,2,4-Trichlorobenzene	Not detected	440		ug/kg	66.9	120-82-1	
1,2,3-Trichlorobenzene	Not detected	440		ug/kg	66.9	87-61-6	
Naphthalene	Not detected	300		ug/kg	66.9	91-20-3	
2-Methylnaphthalene	Not detected	100		ug/kg	66.9	91-57-6	

M-Result reported to MDL not RDL



Analytical Laboratory Report

Lab Sample ID: S73243.08

Sample Tag: SB-23 0.5-1

Collected Date/Time: 04/07/2025 09:49

Matrix: Soil

COC Reference: 177512

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	4oz Glass	None	Yes	4.2	IR
1	40mL Glass	MeOH	Yes	4.2	IR

Extraction / Prep.

Parameter	Result	Method	Run Date	Analyst	Flags
Metal Digestion	Completed	SW3050B	04/10/25 14:05	JRH	
Extraction, PCB*	Completed	SW3546	04/14/25 12:30	DJS	
PNA Extraction*	Completed	SW3546	04/14/25 14:06	DJS	
Sample wt. (g) / Methanol (ml)*	10.556/10	SW5035A	04/09/25 12:09	ACK	
Mercury Digestion	Completed	SW7471B	04/10/25 11:35	CTV	

Inorganics

Method: SM2540B, Run Date: 04/09/25 11:49, Analyst: MAM

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Total Solids*	88	1		%	1		

Metals

Method: SW6020A, Run Date: 04/10/25 15:28, Analyst: JRH

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Arsenic	6,730	200		ug/kg	252	7440-38-2	
Barium	58,100	1,000		ug/kg	252	7440-39-3	
Cadmium	210	200		ug/kg	252	7440-43-9	
Chromium	11,800	500		ug/kg	252	7440-47-3	
Copper	17,000	500		ug/kg	252	7440-50-8	
Lead	18,600	300		ug/kg	252	7439-92-1	
Selenium	Not detected	400		ug/kg	252	7782-49-2	
Silver	Not detected	200		ug/kg	252	7440-22-4	
Zinc	41,900	500		ug/kg	252	7440-66-6	

Method: SW7471B, Run Date: 04/10/25 15:34, Analyst: CTV

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Mercury	Not detected	50		ug/kg	62	7439-97-6	

Organics - PCBs/Pesticides

PCB List, Method: SW8082A, Run Date: 04/15/25 14:19, Analyst: ELR

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
PCB-1016	Not detected	330		ug/kg	5	12674-11-2	
PCB-1242	Not detected	330		ug/kg	5	53469-21-9	
PCB-1221	Not detected	330		ug/kg	5	11104-28-2	
PCB-1232	Not detected	330		ug/kg	5	11141-16-5	
PCB-1248	Not detected	330		ug/kg	5	12672-29-6	
PCB-1254	Not detected	330		ug/kg	5	11097-69-1	
PCB-1260	Not detected	330		ug/kg	5	11096-82-5	



Analytical Laboratory Report

Lab Sample ID: S73243.08 (continued)

Sample Tag: SB-23 0.5-1

Organics - Semi-Volatiles

Polynuclear Aromatics, Method: SW8270D, Run Date: 04/15/25 00:29, Analyst: PL

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Acenaphthene	Not detected	300		ug/kg	10	83-32-9	
Acenaphthylene	Not detected	300		ug/kg	10	208-96-8	
Anthracene	Not detected	300		ug/kg	10	120-12-7	
Benzo(a)anthracene	Not detected	300		ug/kg	10	56-55-3	
Benzo(a)pyrene	Not detected	300		ug/kg	10	50-32-8	
Benzo(b)fluoranthene	500	300		ug/kg	10	205-99-2	p
Benzo(k)fluoranthene	400	300		ug/kg	10	207-08-9	p
Benzo(ghi)perylene	Not detected	300		ug/kg	10	191-24-2	
Chrysene	Not detected	300		ug/kg	10	218-01-9	
Dibenzo(ah)anthracene	Not detected	300		ug/kg	10	53-70-3	
Fluoranthene	600	300		ug/kg	10	206-44-0	
Fluorene	Not detected	300		ug/kg	10	86-73-7	
Indeno(1,2,3-cd)pyrene	Not detected	300		ug/kg	10	193-39-5	
Naphthalene	Not detected	300		ug/kg	10	91-20-3	
Phenanthrene	300	300		ug/kg	10	85-01-8	
Pyrene	400	300		ug/kg	10	129-00-0	
2-Methylnaphthalene	Not detected	300		ug/kg	10	91-57-6	
1-Methylnaphthalene	Not detected	300		ug/kg	10	90-12-0	

Organics - Volatiles

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/10/25 07:15, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Diethyl ether	Not detected	200		ug/kg	60.6	60-29-7	
Acetone	Not detected	1,000		ug/kg	60.6	67-64-1	
Methyl iodide	Not detected	100		ug/kg	60.6	74-88-4	
Carbon disulfide	Not detected	300		ug/kg	60.6	75-15-0	
tert-Methyl butyl ether (MTBE)	Not detected	200		ug/kg	60.6	1634-04-4	
Acrylonitrile	Not detected	100		ug/kg	60.6	107-13-1	
2-Butanone (MEK)	Not detected	910		ug/kg	60.6	78-93-3	
Dichlorodifluoromethane	Not detected	300		ug/kg	60.6	75-71-8	
Chloromethane	Not detected	300		ug/kg	60.6	74-87-3	
Vinyl chloride	Not detected	60		ug/kg	60.6	75-01-4	
Bromomethane	Not detected	200		ug/kg	60.6	74-83-9	
Chloroethane	Not detected	300		ug/kg	60.6	75-00-3	
Trichlorofluoromethane	Not detected	100		ug/kg	60.6	75-69-4	
1,1-Dichloroethene	Not detected	60		ug/kg	60.6	75-35-4	
Methylene chloride	Not detected	100		ug/kg	60.6	75-09-2	
trans-1,2-Dichloroethene	Not detected	60		ug/kg	60.6	156-60-5	
1,1-Dichloroethane	Not detected	60		ug/kg	60.6	75-34-3	
cis-1,2-Dichloroethene	Not detected	60		ug/kg	60.6	156-59-2	
Tetrahydrofuran	Not detected	1,000		ug/kg	60.6	109-99-9	
Chloroform	Not detected	60		ug/kg	60.6	67-66-3	
Bromochloromethane	Not detected	100		ug/kg	60.6	74-97-5	
1,1,1-Trichloroethane	Not detected	60		ug/kg	60.6	71-55-6	
4-Methyl-2-pentanone (MIBK)	Not detected	3,000		ug/kg	60.6	108-10-1	
2-Hexanone	Not detected	3,000		ug/kg	60.6	591-78-6	
Carbon tetrachloride	Not detected	60		ug/kg	60.6	56-23-5	
Benzene	Not detected	60		ug/kg	60.6	71-43-2	

p-Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.



Analytical Laboratory Report

Lab Sample ID: S73243.08 (continued)

Sample Tag: SB-23 0.5-1

Volatile Organics 5035, Method: SW5035A/8260C, Run Date: 04/10/25 07:15, Analyst: KAG (continued)

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
1,2-Dichloroethane	Not detected	60		ug/kg	60.6	107-06-2	
Trichloroethene	Not detected	60		ug/kg	60.6	79-01-6	
1,2-Dichloropropane	Not detected	60		ug/kg	60.6	78-87-5	
Bromodichloromethane	Not detected	100		ug/kg	60.6	75-27-4	
Dibromomethane	Not detected	300		ug/kg	60.6	74-95-3	
cis-1,3-Dichloropropene	Not detected	60		ug/kg	60.6	10061-01-5	
Toluene	Not detected	60		ug/kg	60.6	108-88-3	
trans-1,3-Dichloropropene	Not detected	60		ug/kg	60.6	10061-02-6	
1,1,2-Trichloroethane	Not detected	60		ug/kg	60.6	79-00-5	
Tetrachloroethene	Not detected	60		ug/kg	60.6	127-18-4	
trans-1,4-Dichloro-2-butene	Not detected	60		ug/kg	60.6	110-57-6	
Dibromochloromethane	Not detected	100		ug/kg	60.6	124-48-1	
1,2-Dibromoethane	Not detected	20		ug/kg	60.6	106-93-4	M
Chlorobenzene	Not detected	60		ug/kg	60.6	108-90-7	
1,1,1,2-Tetrachloroethane	Not detected	100		ug/kg	60.6	630-20-6	
Ethylbenzene	Not detected	60		ug/kg	60.6	100-41-4	
p,m-Xylene	Not detected	100		ug/kg	60.6		
o-Xylene	Not detected	60		ug/kg	60.6	95-47-6	
Styrene	Not detected	60		ug/kg	60.6	100-42-5	
Isopropylbenzene	Not detected	300		ug/kg	60.6	98-82-8	
Bromoform	Not detected	100		ug/kg	60.6	75-25-2	
1,1,2,2-Tetrachloroethane	Not detected	60		ug/kg	60.6	79-34-5	
1,2,3-Trichloropropane	Not detected	100		ug/kg	60.6	96-18-4	
n-Propylbenzene	Not detected	60		ug/kg	60.6	103-65-1	
Bromobenzene	Not detected	100		ug/kg	60.6	108-86-1	
1,3,5-Trimethylbenzene	Not detected	60		ug/kg	60.6	108-67-8	
tert-Butylbenzene	Not detected	60		ug/kg	60.6	98-06-6	
1,2,4-Trimethylbenzene	Not detected	60		ug/kg	60.6	95-63-6	
sec-Butylbenzene	Not detected	60		ug/kg	60.6	135-98-8	
p-Isopropyltoluene	Not detected	100		ug/kg	60.6	99-87-6	
1,3-Dichlorobenzene	Not detected	100		ug/kg	60.6	541-73-1	
1,4-Dichlorobenzene	Not detected	100		ug/kg	60.6	106-46-7	
1,2-Dichlorobenzene	Not detected	100		ug/kg	60.6	95-50-1	
1,2,3-Trimethylbenzene	Not detected	60		ug/kg	60.6	526-73-8	
n-Butylbenzene	Not detected	60		ug/kg	60.6	104-51-8	
Hexachloroethane	Not detected	400		ug/kg	60.6	67-72-1	
1,2-Dibromo-3-chloropropane	Not detected	300		ug/kg	60.6	96-12-8	
1,2,4-Trichlorobenzene	Not detected	400		ug/kg	60.6	120-82-1	
1,2,3-Trichlorobenzene	Not detected	400		ug/kg	60.6	87-61-6	
Naphthalene	Not detected	300		ug/kg	60.6	91-20-3	
2-Methylnaphthalene	Not detected	100		ug/kg	60.6	91-57-6	

M-Result reported to MDL not RDL

Merit Laboratories Login Checklist

Lab Set ID:S73243

Client:TRITERRA (TriTerra)

Project: 23-3626 Parkside

Submitted:04/08/2025 15:50 Login User: MMC

Attention: Jade Gillette

Address: TriTerra

1375 S. Washington Avenue, Suite 100
Lansing, MI 48910

Phone: n/a

FAX:

Email:jade.gillette@triterra.us

Selection	Description	Note
Sample Receiving		
01.	☒ Yes ☐ No ☐ N/A	Samples are received at 4C +/- 2C Thermometer # IR 4.2
02.	☒ Yes ☐ No ☐ N/A	Received on ice/ cooling process begun
03.	☐ Yes ☒ No ☐ N/A	Samples shipped
04.	☐ Yes ☒ No ☐ N/A	Samples left in 24 hr. drop box
05.	☐ Yes ☐ No ☒ N/A	Are there custody seals/tape or is the drop box locked
Chain of Custody		
06.	☒ Yes ☐ No ☐ N/A	COC adequately filled out
07.	☒ Yes ☐ No ☐ N/A	COC signed and relinquished to the lab
08.	☒ Yes ☐ No ☐ N/A	Sample tag on bottles match COC
09.	☐ Yes ☒ No ☐ N/A	Subcontracting needed? Subcontacted to:
Preservation		
10.	☒ Yes ☐ No ☐ N/A	Do sample have correct chemical preservation
11.	☐ Yes ☐ No ☒ N/A	Completed pH checks on preserved samples? (no VOAs)
12.	☐ Yes ☒ No ☐ N/A	Did any samples need to be preserved in the lab?
Bottle Conditions		
13.	☒ Yes ☐ No ☐ N/A	All bottles intact
14.	☒ Yes ☐ No ☐ N/A	Appropriate analytical bottles are used
15.	☒ Yes ☐ No ☐ N/A	Merit bottles used
16.	☒ Yes ☐ No ☐ N/A	Sufficient sample volume received
17.	☐ Yes ☒ No ☐ N/A	Samples require laboratory filtration
18.	☒ Yes ☐ No ☐ N/A	Samples submitted within holding time
19.	☐ Yes ☐ No ☒ N/A	Do water VOC, TOX, DO or Alkalinity bottles contain

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME <i>Jade Gillette</i>			
COMPANY <i>Triserra</i>			
ADDRESS			
CITY			STATE
			ZIP CODE
PHONE NO.		CELL NO.	P.O. NO.
E-MAIL ADDRESS <i>Jade Gillette @ Triserra Inc / K-sun@triserre.com</i>			QUOTE NO.

CONTACT NAME		☐ SAME	
COMPANY			
ADDRESS			
CITY		STATE	ZIP CODE
PHONE NO.		E-MAIL ADDRESS	

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

PROJECT NO./NAME 23-3626 Parkside	SAMPLER(S) - PLEASE PRINT/SIGN NAME Cathy C. North / Cathy L. H...
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER	
DELIVERABLES REQUIRED ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☒ EDD ☐ OTHER	

MATRIX CODE:	W=WATER	GW=GROUNDWATER	WW=WASTEWATER	S=SOIL	L=LIQUID	SD=SOLID	# Containers & Preservatives
	SL=SLUDGE	DW=DRINKING WATER	O=OIL	WP=WIPE	A=AIR	WS=WASTE	

[illegible][illegible]

RELINQUISHED BY:		Sampler	DATE	TIME
SIGNATURE/ORGANIZATION			4/7/25	1700
RECEIVED BY:			DATE	TIME
SIGNATURE/ORGANIZATION	Triterra Cold Storage		4/7/25	1700
RELINQUISHED BY:			DATE	TIME
SIGNATURE/ORGANIZATION	Triterra Cold Storage		4/8/25	145
RECEIVED BY:			DATE	TIME
SIGNATURE/ORGANIZATION	BRE		4/8/25	145

RELINQUISHED BY: SIGNATURE/ORGANIZATION		B21		DATE 4/8/25		TIME 155	
RECEIVED BY: SIGNATURE/ORGANIZATION		M Chilcutt		DATE 4/8/25		TIME 155	
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES:	TEMP. ON ARRIVAL	4.2		
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS					

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE



Analytical Laboratory Report

Report ID: S76335.01(01)
Generated on 07/09/2025

Report to
Attention: Jade Gillette
TriTerra
1375 S. Washington Avenue, Suite 100
Lansing, MI 48910

Phone: n/a FAX:
Email: jade.gillette@triterra.us

Additional Contacts: Brad Buswell, Casey C. Heath

Report produced by
Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
John Lavery (johnlavery@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary
Lab Sample ID(s): S76335.01-S76335.26
Project: 23-3626-01 Parkside
Collected Date(s): 07/01/2025 - 07/02/2025
Submitted Date/Time: 07/03/2025 11:30
Sampled by: Casey Heath
P.O. #:

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- Sample Summary (Page 5)


Maya Murshak
Technical Director



Analytical Laboratory Report

General Report Notes

Analytical results relate only to the samples tested, in the condition received by the laboratory.

Methods may be modified for improved performance.

Results reported on a dry weight basis where applicable.

'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).

When MDL results are provided, then 'Not detected' indicates that parameter was not found at a level equal to or greater than the MDL.

40 CFR Part 136 Table II Required Containers, Preservation Techniques and Holding Times for the Clean Water Act specify that samples for acrolein and acrylonitrile, and 2-chloroethylvinyl ether need to be preserved at a pH in the range of 4 to 5 or if not preserved, analyzed within 3 days of sampling.

QA/QC corresponding to this analytical report is a separate document with the same Merit ID reference and is available upon request.

Starred (*) analytes are not NY NELAP accredited.

Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.

Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc.

Limits for drinking water samples, are listed as the MCL Limits (Maximum Contaminant Level Concentrations)

PFAS requirement: Section 9.3.8 of U.S. EPA Method 537.1 states "If the method analyte(s) found in the Field Sample is present in the FRB at a concentration greater than 1/3 the MRL, then all samples collected with that FRB are invalid and must be recollected and reanalyzed."

Samples submitted without an accompanying FRB may not be acceptable for compliance purposes.

Wisconsin PFAs analysis: MDL = LOD; RL = LOQ. LOD and LOQ are adjusted for dilution.

All accreditations/certifications held by this laboratory are listed on page 3. Not all accreditations/certifications are applicable to this report.

For a specific list of accredited analytes, please feel free to contact the laboratory or visit <https://www.meritlabs.com/certifications>.

Report Narrative

There is no additional narrative for this analytical report

Laboratory Accreditations (For Reference Only)

Authority	Accreditation ID
Michigan DEQ	#9956
DOD ELAP & ISO/IEC 17025:2017	#69699 PJLA Testing
WBENC	#2005110032
Ohio VAP	#CL0002
Indiana DOH	#C-MI-07
New York NELAC	#11814
North Carolina DENR	#680
North Carolina DOH	#26702
Pennsylvania DEP	#68-05884
Wisconsin DNR	FID# 399147320

Qualifier Descriptions

Qualifier	Description
!	Result is outside of stated limit criteria
B	Compound also found in associated method blank
E	Concentration exceeds calibration range
F	Analysis run outside of holding time
G	Estimated result due to extraction run outside of holding time
H	Sample submitted and run outside of holding time
I	Matrix interference with internal standard
J	Estimated value less than reporting limit, but greater than MDL
L	Elevated reporting limit due to low sample amount
M	Result reported to MDL not RDL
O	Analysis performed by outside laboratory. See attached report.
R	Preliminary result
S	Surrogate recovery outside of control limits
T	No correction for total solids
X	Elevated reporting limit due to matrix interference
Y	Elevated reporting limit due to high target concentration
b	Value detected less than reporting limit, but greater than MDL
e	Reported value estimated due to interference
j	Analyte also found in associated method blank
o	Associated EIS outside of control limits
p	Benzo(b)Fluoranthene and Benzo(k)Fluoranthene integrated as one peak.
q	Qualifier ion ratio outside of control limits
x	Preserved from bulk sample

Glossary of Abbreviations

Abbreviation	Description
RL/RDL	Reporting Limit
MDL	Method Detection Limit
MS	Matrix Spike
MSD	Matrix Spike Duplicate
SW	EPA SW 846 (Soil and Wastewater) Methods
E	EPA Methods
SM	Standard Methods
LN	Linear
BR	Branched



Analytical Laboratory Report

Method Summary

Method	Version
EPA TO-17	EPA TO-17 Second Edition January 1999



Analytical Laboratory Report

Sample Summary (26 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S76335.01	SG-1, Sample Volume: 150mL	Air	07/01/25 10:23 - 07/01/25 10:24
S76335.02	SG-2, Sample Volume: 150mL	Air	07/01/25 11:24 - 07/01/25 11:25
S76335.03	SG-3, Sample Volume: 150mL	Air	07/01/25 13:35 - 07/01/25 13:36
S76335.04	SG-4, Sample Volume: 150mL	Air	07/01/25 14:00 - 07/01/25 14:01
S76335.05	SG-5, Sample Volume: 150mL	Air	07/01/25 14:33 - 07/01/25 14:34
S76335.06	SG-6, Sample Volume: 150mL	Air	07/01/25 14:53 - 07/01/25 14:54
S76335.07	SG-7, Sample Volume: 150mL	Air	07/01/25 15:15 - 07/01/25 15:16
S76335.08	SG-8, Sample Volume: 150mL	Air	07/02/25 09:18 - 07/02/25 09:19
S76335.09	SG-9, Sample Volume: 150mL	Air	07/02/25 09:38 - 07/02/25 09:39
S76335.10	SG-10, Sample Volume: 150mL	Air	07/02/25 09:50 - 07/02/25 09:51
S76335.11	SG-11, Sample Volume: 150mL	Air	07/02/25 10:30 - 07/02/25 10:31
S76335.12	SG-12, Sample Volume: 150mL	Air	07/02/25 11:03 - 07/02/25 11:04
S76335.13	SG-13, Sample Volume: 150mL	Air	07/02/25 15:50 - 07/02/25 15:51
S76335.14	SG-14, Sample Volume: 150mL	Air	07/02/25 11:42 - 07/02/25 11:43
S76335.15	SG-15, Sample Volume: 150mL	Air	07/02/25 12:04 - 07/02/25 12:05
S76335.16	SG-16, Sample Volume: 150mL	Air	07/02/25 12:36 - 07/02/25 12:37
S76335.17	SG-17, Sample Volume: 150mL	Air	07/02/25 12:56 - 07/02/25 12:57
S76335.18	SG-18, Sample Volume: 150mL	Air	07/02/25 13:12 - 07/02/25 13:13
S76335.19	SG-19, Sample Volume: 150mL	Air	07/02/25 13:21 - 07/02/25 13:22
S76335.20	SG-20, Sample Volume: 150mL	Air	07/02/25 14:00 - 07/02/25 14:01
S76335.21	SG-21, Sample Volume: 150mL	Air	07/02/25 14:50 - 07/02/25 14:51
S76335.22	SG-22, Sample Volume: 150mL	Air	07/02/25 14:54 - 07/02/25 14:55
S76335.23	Lab Blank #1	Air	07/01/25 00:01
S76335.24	Lab Blank #2	Air	07/01/25 00:01
S76335.25	Lab Blank #3	Air	07/01/25 00:01
S76335.26	Lab Blank #4	Air	07/01/25 00:01



Analytical Laboratory Report

Lab Sample ID: S76335.01

Sample Tag: SG-1, Sample Volume: 150mL

Collected Date/Time: 07/01/2025 10:23 - 07/01/2025 10:24

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 15:15, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.1	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.3	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 15:15, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	21	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.7	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.02

Sample Tag: SG-2, Sample Volume: 150mL

Collected Date/Time: 07/01/2025 11:24 - 07/01/2025 11:25

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 15:56, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.3	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.4	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 15:56, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	22	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	9.3	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.03

Sample Tag: SG-3, Sample Volume: 150mL

Collected Date/Time: 07/01/2025 13:35 - 07/01/2025 13:36

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 16:37, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.0	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.2	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 16:37, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	20	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.0	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.04

Sample Tag: SG-4, Sample Volume: 150mL

Collected Date/Time: 07/01/2025 14:00 - 07/01/2025 14:01

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 17:19, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.3	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.3	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.7	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 17:19, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	22	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.7	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.7	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.05

Sample Tag: SG-5, Sample Volume: 150mL

Collected Date/Time: 07/01/2025 14:33 - 07/01/2025 14:34

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 18:00, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.4	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.5	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.7	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 18:00, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	23	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	10	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.7	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.06

Sample Tag: SG-6, Sample Volume: 150mL

Collected Date/Time: 07/01/2025 14:53 - 07/01/2025 14:54

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 18:41, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.1	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.3	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 18:41, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	21	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.7	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.07

Sample Tag: SG-7, Sample Volume: 150mL

Collected Date/Time: 07/01/2025 15:15 - 07/01/2025 15:16

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 19:22, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.3	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.3	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 19:22, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	22	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.7	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.08

Sample Tag: SG-8, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 09:18 - 07/02/2025 09:19

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 20:03, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.0	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.3	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.7	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 20:03, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	20	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.7	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.7	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.09

Sample Tag: SG-9, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 09:38 - 07/02/2025 09:39

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 20:45, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.3	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.5	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.7	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 20:45, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	22	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	10	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.7	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.10

Sample Tag: SG-10, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 09:50 - 07/02/2025 09:51

Matrix: Air

COC Reference: A013152

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 21:27, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.1	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.2	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 21:27, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	21	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.0	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.11

Sample Tag: SG-11, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 10:30 - 07/02/2025 10:31

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 22:08, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	2.6	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.0	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.5	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 22:08, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	17	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	6.7	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	3.3	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.12

Sample Tag: SG-12, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 11:03 - 07/02/2025 11:04

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 22:49, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	2.7	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.1	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.5	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 22:49, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	18	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	7.3	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	3.3	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.13

Sample Tag: SG-13, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 15:50 - 07/02/2025 15:51

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 23:31, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	2.9	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.1	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.5	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 23:31, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	19	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	7.3	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	3.3	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.14

Sample Tag: SG-14, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 11:42 - 07/02/2025 11:43

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 00:12, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	2.8	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.2	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 00:12, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	19	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.0	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.15

Sample Tag: SG-15, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 12:04 - 07/02/2025 12:05

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 00:53, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	2.6	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.1	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 00:53, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	17	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	7.3	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.16

Sample Tag: SG-16, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 12:36 - 07/02/2025 12:37

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 01:34, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.1	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.2	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 01:34, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	21	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.0	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.17

Sample Tag: SG-17, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 12:56 - 07/02/2025 12:57

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 02:15, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	2.3	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	0.9	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	Not detected	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 02:15, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	15	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	6.0	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	Not detected	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.18

Sample Tag: SG-18, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 13:12 - 07/02/2025 13:13

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 02:57, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.0	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.2	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 02:57, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	20	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.0	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.19

Sample Tag: SG-19, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 13:21 - 07/02/2025 13:22

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 03:38, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.1	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.2	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 03:38, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	21	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.0	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.20

Sample Tag: SG-20, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 14:00 - 07/02/2025 14:01

Matrix: Air

COC Reference: A7087

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 04:20, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.1	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.1	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.5	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 04:20, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	21	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	7.3	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	3.3	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.21

Sample Tag: SG-21, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 14:50 - 07/02/2025 14:51

Matrix: Air

COC Reference: A7088

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 14:35, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.5	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.2	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.8	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 14:35, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	23	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.0	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	5.3	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.22

Sample Tag: SG-22, Sample Volume: 150mL

Collected Date/Time: 07/02/2025 14:54 - 07/02/2025 14:55

Matrix: Air

COC Reference: A7088

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 15:17, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	3.2	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	1.2	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	0.6	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 15:17, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	21	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	8.0	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	4.0	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.23

Sample Tag: Lab Blank #1

Collected Date/Time: 07/01/2025 00:01

Matrix: Air

COC Reference: A7088

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/08/25 14:33, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	Not detected	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	Not detected	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	Not detected	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/08/25 14:33, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	Not detected	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	Not detected	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	Not detected	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.24
Sample Tag: Lab Blank #2
Collected Date/Time: 07/01/2025 00:01
Matrix: Air
COC Reference: A7088

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 05:01, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	Not detected	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	Not detected	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	Not detected	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 05:01, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	Not detected	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	Not detected	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	Not detected	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.25
Sample Tag: Lab Blank #3
Collected Date/Time: 07/01/2025 00:01
Matrix: Air
COC Reference: A7088

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 13:54, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	Not detected	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	Not detected	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	Not detected	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 13:54, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	Not detected	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	Not detected	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	Not detected	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	



Analytical Laboratory Report

Lab Sample ID: S76335.26
Sample Tag: Lab Blank #4
Collected Date/Time: 07/01/2025 00:01
Matrix: Air
COC Reference: A7088

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	Absorbent Tube	None	No	RT	n/a

Organics - Volatiles

TO-17, Method: EPA TO-17, Run Date: 07/09/25 15:58, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	Not detected	1.0		ng/tube	1	91-20-3	
2-Methylnaphthalene*	Not detected	0.5		ng/tube	1	91-57-6	
1-Methylnaphthalene*	Not detected	0.5		ng/tube	1	90-12-0	
Acenaphthene*	Not detected	0.5		ng/tube	1	83-32-9	
Acenaphthylene*	Not detected	0.5		ng/tube	1	208-96-8	
Fluorene*	Not detected	0.5		ng/tube	1	86-73-7	
Phenanthrene*	Not detected	0.5		ng/tube	1	85-01-8	
Anthracene*	Not detected	0.5		ng/tube	1	120-12-7	
Pyrene*	Not detected	0.5		ng/tube	1	129-00-0	
Benzo(a)anthracene*	Not detected	0.5		ng/tube	1	56-55-3	

TO-17, Method: EPA TO-17, Run Date: 07/09/25 15:58, Analyst: KAG

Parameter	Result	RL	MDL	Units	Dilution	CAS#	Flags
Naphthalene*	Not detected	6.7		ug/m3	1	91-20-3	
2-Methylnaphthalene*	Not detected	3.3		ug/m3	1	91-57-6	
1-Methylnaphthalene*	Not detected	3.3		ug/m3	1	90-12-0	
Acenaphthene*	Not detected	3.3		ug/m3	1	83-32-9	
Acenaphthylene*	Not detected	3.3		ug/m3	1	208-96-8	
Fluorene*	Not detected	3.3		ug/m3	1	86-73-7	
Phenanthrene*	Not detected	3.3		ug/m3	1	85-01-8	
Anthracene*	Not detected	3.3		ug/m3	1	120-12-7	
Pyrene*	Not detected	3.3		ug/m3	1	129-00-0	
Benzo(a)anthracene*	Not detected	3.3		ug/m3	1	56-55-3	

Merit Laboratories Login Checklist

Lab Set ID:S76335

Client:TRITERRA (TriTerra)

Project: 23-3626-01 Parkside

Submitted:07/03/2025 11:30 Login User: MMC

Attention: Jade Gillette

Address: TriTerra

1375 S. Washington Avenue, Suite 100
Lansing, MI 48910

Phone: n/a

FAX:

Email:jade.gillette@triterra.us

Selection	Description	Note
Sample Receiving		
01. ☐ Yes ☐ No ☒ N/A	Samples are received at 4C +/- 2C	Thermometer # RT
02. ☐ Yes ☐ No ☒ N/A	Received on ice/ cooling process begun	
03. ☐ Yes ☒ No ☐ N/A	Samples shipped	
04. ☐ Yes ☒ No ☐ N/A	Samples left in 24 hr. drop box	
05. ☐ Yes ☐ No ☒ N/A	Are there custody seals/tape or is the drop box locked	
Chain of Custody		
06. ☒ Yes ☐ No ☐ N/A	COC adequately filled out	
07. ☒ Yes ☐ No ☐ N/A	COC signed and relinquished to the lab	
08. ☒ Yes ☐ No ☐ N/A	Sample tag on bottles match COC	
09. ☐ Yes ☒ No ☐ N/A	Subcontracting needed? Subcontacted to:	
Preservation		
10. ☒ Yes ☐ No ☐ N/A	Do sample have correct chemical preservation	
11. ☐ Yes ☐ No ☒ N/A	Completed pH checks on preserved samples? (no VOAs)	
12. ☐ Yes ☒ No ☐ N/A	Did any samples need to be preserved in the lab?	
Bottle Conditions		
13. ☒ Yes ☐ No ☐ N/A	All bottles intact	
14. ☒ Yes ☐ No ☐ N/A	Appropriate analytical bottles are used	
15. ☒ Yes ☐ No ☐ N/A	Merit bottles used	
16. ☒ Yes ☐ No ☐ N/A	Sufficient sample volume received	
17. ☐ Yes ☒ No ☐ N/A	Samples require laboratory filtration	
18. ☒ Yes ☐ No ☐ N/A	Samples submitted within holding time	
19. ☐ Yes ☐ No ☒ N/A	Do water VOC, TOX, DO or Alkalinity bottles contain	

Corrective action for all exceptions is to call the client and to notify the project manager.

Client Review By: _____ Date: _____



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C.O.C. PAGE # 1 OF 3

A 013152

REPORT TO

AIR/GAS SAMPLES CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME <u>Sade C. Gillette</u>		
COMPANY <u>Tri-Terra</u>		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE NO.	FAX NO.	P.O. NO.
EMAIL ADDRESS <u>Sade Gillette & Tri-Terra, Inc. / Casey Heath & Tri-Terra, Inc.</u>		QUOTE NO.

CONTACT NAME		☐ SAME
COMPANY		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE NO.	EMAIL ADDRESS	

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

PROJECT NO./NAME <u>23-3626-01 Parks.de</u>	SAMPLER(S) - PLEASE PRINT/SIGN NAME <u>Casey L. Heath / Sade C. Gillette</u>
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER	
DELIVERABLES REQUIRED ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☒ EDD ☐ OTHER	

Certifications ☐ DoD ☐ NELAP	Project Locations ☐ State of New York ☐ Detroit, MI	Sample Type	Analyses			
		Indoor Air	Soil Gas	TO-15	TO-17	Other (specify in notes)

MERIT LAB NO. FOR LAB USE ONLY	SAMPLE TAG IDENTIFICATION-DESCRIPTION	Start		Stop		Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-17 Tube ID	TO-17 Sample Volume	Indoor Air	Soil Gas	TO-15	TO-17	Other (specify in notes)
		Date	Time	Date	Time											
76335.01	SG-1	7/1	1023	7/1	1024					866281	150					
.02	SG-2	7/1	1124	7/1	1125					870451	150					
.03	SG-3	7/1	1335	7/1	1336					870462	150					
.04	SG-4	7/1	1400	7/1	1401					874120	150					
.05	SG-5	7/1	1437	7/1	1434					850390	150					
.06	SG-6	7/1	1453	7/1	1454					874114	150					
.07	SG-7	7/1	1515	7/1	1516					866253	150					
.08	SG-8	7/2	0918	7/2	0919					850395	150					
.09	SG-9		0938		0939					866270						
.10	SG-10		0950		0951					866288						

Temperature (Fahrenheit)				Pressure (inches of Hg)				Notes	
Interior	Ambient	Notes		Interior	Ambient	Notes			
Start				Start					
Stop				Stop					

RELINQUISHED BY: SIGNATURE/ORGANIZATION <u>Casey Heath</u>	☐ Sampler	DATE <u>7/2/25</u>	TIME <u>1845</u>	RELINQUISHED BY: SIGNATURE/ORGANIZATION <u>SB</u>	DATE <u>7/3/25</u>	TIME <u>1130</u>
RECEIVED BY: SIGNATURE/ORGANIZATION <u>Tri-Terra Storage</u>		DATE <u>7/2/25</u>	TIME <u>1845</u>	RECEIVED BY: SIGNATURE/ORGANIZATION <u>M. Wilcox</u>	DATE <u>7/3/25</u>	TIME <u>1130</u>
RELINQUISHED BY: SIGNATURE/ORGANIZATION <u>Tri-Terra Storage</u>		DATE <u>7/3/25</u>	TIME <u>1050</u>	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
RECEIVED BY: SIGNATURE/ORGANIZATION <u>SB</u>		DATE <u>7/3/25</u>	TIME <u>1050</u>	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
				TEMP. ON ARRIVAL <u>RT</u>		

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 03/30/23



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C.O.C. PAGE # 2 OF 3

A7087

REPORT TO

AIR/GAS SAMPLES CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME <i>Sude Gillette</i>		
COMPANY <i>Triterra</i>		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE NO.	FAX NO.	P.O. NO.

CONTACT NAME		☐ SAME
COMPANY		
ADDRESS		
CITY	STATE	ZIP CODE
PHONE NO.	EMAIL ADDRESS	

EMAIL ADDRESS <i>Sude Gillette & Triterra / Casey Heath & Triterra</i>	QUOTE NO.
---	-----------

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

PROJECT NO./NAME <i>23-3626-01 Parkside</i>	SAMPLER(S) - PLEASE PRINT/SIGN NAME <i>Casey C. Heath / Casey C. Heath</i>
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER	
DELIVERABLES REQUIRED ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☒ EDD ☐ OTHER	

Certifications ☐ DoD ☐ NELAP	Project Locations ☐ State of New York ☐ Detroit, MI	Sample Type	Analyses			
		Indoor Air	Soil Gas	TO-15	TO-17	Other (specify in notes)

MERIT LAB NO. FOR LAB USE ONLY	SAMPLE TAG IDENTIFICATION-DESCRIPTION	Start		Stop		Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-17 Tube ID	TO-17 Sample Volume	Indoor Air	Soil Gas	TO-15	TO-17	Other (specify in notes)
		Date	Time	Date	Time											
76335.11	SG-11	7/12	1230	7/12	1230					874055	150					
.12	SG-12		1103		1104					886298						
.13	SG-13		1555		1551					866206						
.14	SG-14		1142		1142					874019						
.15	SG-15		1204		1205					874100						
.16	SG-16		1236		1237					874097						
.17	SG-17		1256		1257					874115						
.18	SG-18		1312		1312					850392						
.19	SG-19		1321		1322					870480						
.20	SG-20		1400		1401					866220						

Temperature (Fahrenheit)				Pressure (inches of Hg)				Notes	
Interior	Ambient	Notes		Interior	Ambient	Notes			
Start				Start					
Stop				Stop					

RELINQUISHED BY: SIGNATURE/ORGANIZATION <i>Casey C. Heath</i>	☒ Sampler	DATE <i>7/12/25</i>	TIME <i>1845</i>
RECEIVED BY: SIGNATURE/ORGANIZATION <i>Triterra Storage</i>		DATE <i>7/12/25</i>	TIME <i>1845</i>
RELINQUISHED BY: SIGNATURE/ORGANIZATION <i>Triterra Storage</i>		DATE <i>7/13/25</i>	TIME <i>1050</i>
RECEIVED BY: SIGNATURE/ORGANIZATION <i>BB</i>		DATE <i>7/13/25</i>	TIME <i>1050</i>

RELINQUISHED BY: SIGNATURE/ORGANIZATION <i>BB</i>	DATE <i>7/12/25</i>	TIME <i>1130</i>
RECEIVED BY: SIGNATURE/ORGANIZATION <i>M. Chilcote</i>	DATE <i>7/13/25</i>	TIME <i>1130</i>
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
TEMP. ON ARRIVAL <i>RT</i>		

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE



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C.O.C. PAGE # 3 OF 3

A 7088

REPORT TO

AIR/GAS SAMPLES CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME <u>Sade Gillette</u>			CONTACT NAME ☐ SAME		
COMPANY <u>Triterra</u>			COMPANY		
ADDRESS			ADDRESS		
CITY	STATE	ZIP CODE	CITY	STATE	ZIP CODE
PHONE NO.	FAX NO.	P.O. NO.	PHONE NO.	EMAIL ADDRESS	

EMAIL ADDRESS <u>Sade Gillette & Triterra Inc / Casey Heath @ Triterra Inc</u>		QUOTE NO.		ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)	
PROJECT NO./NAME <u>23-3626-01 Parkside</u>		SAMPLER(S) - PLEASE PRINT/SIGN NAME <u>Casey C. Heath / Casey C. Heath</u>			
TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER				Certifications ☐ DoD ☐ NELAP	
DELIVERABLES REQUIRED ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☒ EDD ☐ OTHER				Project Locations ☐ State of New York ☐ Detroit, MI	

MERIT LAB NO. FOR LAB USE ONLY	SAMPLE TAG IDENTIFICATION-DESCRIPTION	Start		Stop		Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-17 Tube ID	TO-17 Sample Volume	Sample Type					Analyses
		Date	Time	Date	Time							Indoor Air	Soil Gas	TO-15	TO-17	Other (Specify in notes)	
76335.21	SC-21	7/2	1450	7/2	1451					870483	150		X		X		
.22	SC-22	7/2	1454	7/2	1455					850322	150		X		X		
.23																	
.24																	
.25																	
.26																	

Temperature (Fahrenheit)				Pressure (inches of Hg)				Notes
Interior	Ambient	Notes		Interior	Ambient	Notes		
Start				Start				
Stop				Stop				

RELINQUISHED BY: SIGNATURE/ORGANIZATION <u>Casey C. Heath</u>	☒ Sampler	DATE <u>7/2/25</u>	TIME <u>1845</u>	RELINQUISHED BY: SIGNATURE/ORGANIZATION <u>B. B.</u>	DATE <u>7/3/25</u>	TIME <u>1130</u>
RECEIVED BY: SIGNATURE/ORGANIZATION <u>Triterra Storage</u>		DATE <u>7/2/25</u>	TIME <u>1845</u>	RECEIVED BY: SIGNATURE/ORGANIZATION <u>M. Chilcote</u>	DATE <u>7/3/25</u>	TIME <u>1130</u>
RELINQUISHED BY: SIGNATURE/ORGANIZATION <u>Triterra Storage</u>		DATE <u>7/3/25</u>	TIME <u>1050</u>	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS
RECEIVED BY: SIGNATURE/ORGANIZATION <u>B. B.</u>		DATE <u>7/3/25</u>	TIME <u>1050</u>	SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE